



Temperature sensors  
Plastic and rubber industry



# Contents

## Thermocouples

TM10 - Miniature connector termination	07
TM11 - Miniature connector termination (duplex)	08
TM12 - Standard connector termination	09
TM13 - Standard connector termination (duplex)	10
TM20 - Cable prolongation	11
TM21 - Cable prolongation with connector	12
TM22 - Cable prolongation (duplex)	13
TM23 - Cable prolongation with connector (duplex)	14
TM50 - Washer mount	15
TM51 - Cable prolongation with washer mount	16
TM53 - Bayonet MI	17
TC20 - Flat fiberglass	18
TC21 - Flat fiberglass with connector	19
TC50 - Fiberglass	20
TC51 - Fiberglass with connector	21
TT10 - Standard tube	22
TT11 - Standard tube with connector	23
TT12 - Standard tube (90° bend)	24
TT20 - Pot seal	25
TT30 - Plug-in (Clamp)	26
TT35 - Plug-in (Miniature)	27
TT40 - Integrated M12 connector	28
TR13 - Fixed thread (90° bend) (Type 1)	29
TR14 - Fixed thread (90° bend) (Type 2)	30
TR15 - Fixed thread with 90° cable prolongation	31
TR20 - Nozzle	32
TR21 - Nozzle (90° bend)	33
TR22 - Bolt	34
TR25 - Melt bolt	35
TR50 - Thread connection (Spring loaded)	36
TS01 - Washer mount	37
TS02 - Reinforced washer mount	38
TS03 - Ring mount	39
TS11 - Weld pad (45° angle)	40
TS20 - Angle / Plug-in	41
TS21 - Angle / Plug-in (Clamp)	42
TS30 - Bayonet	43
TS31 - Bayonet with reduced tip	44

TS32 - Bayonet with ceramic tip	45
TS33 - Bayonet (Reverse)	46
TS34 - Bayonet with clamp (90° angle)	47
TS41 - Pipe-Clamp (Type 1)	48
TS42 - Pipe-Clamp (Type 2)	49
TS43 - Pipe-Clamp (Type 3)	50

## RTDs


PM10 - Miniature connector termination	53
PM12 - Standard connector termination	54
PM20 - Cable prolongation	55
PM21 - Bayonet	56
PM50 - Fiberglass	57
PC50 - Standard tube	58
PT10 - Standard tube	59
PT12 - Standard tube (90° bend)	60
PT20 - Pot seal	61
PT30 - Plug-in (Clamp)	62
PT35 - Plug-in (Miniature)	63
PT40 - Integrated M12 connector	64
PR13 - Fixed thread (90° bend) (Type 1)	65
PR14 - Fixed thread (90° bend) (Type 2)	66
PT15 - Fixed thread with 90° cable prolongation	67
PT20 - Nozzle	68
PR21 - Nozzle (90° bend)	69
PR22 - Bolt	70
PR50 - Thread connection (Spring loaded)	71
PS01 - Washer mount	72
PS02 - Reinforced washer mount	73
PS03 - Ring mount	74
PS11 - Weld pad (45° angle)	75
PS20 - Angle / Plug-in	76
PS21 - Angle / Plug-in (Clamp)	77
PS30 - Bayonet	78
PS31 - Bayonet with reduced tip	79
PS33 - Bayonet (Reverse)	80
PS34 - Bayonet with clamp (90° angle)	81
PS41 - Pipe-Clamp (Type 1)	82
PS42 - Pipe-Clamp (Type 2)	83
PS43 - Pipe-Clamp (Type 3)	84

A large pile of dark, granular plastic pellets in a factory setting. The pellets are piled high and fill the foreground. In the background, there are blue metal structures and bright lights, suggesting an industrial environment.

# Thermocouples

for plastic and rubber industry

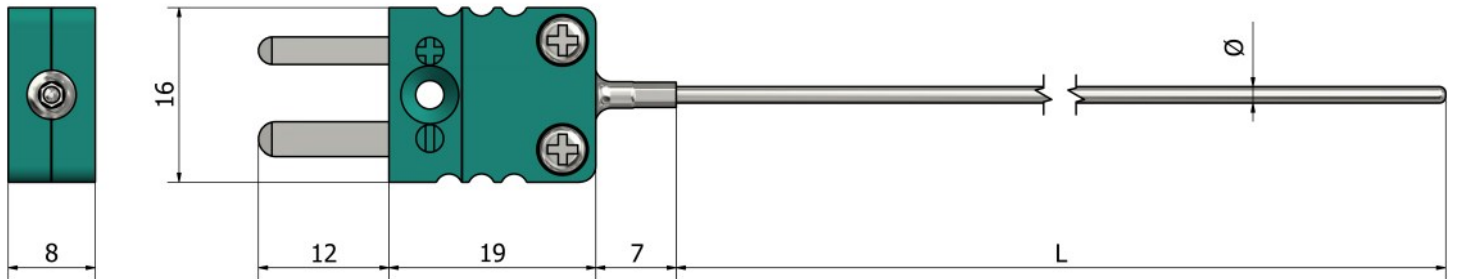
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 EuroSensors



# TM10 – Temperature sensors for plastic and rubber industry

## Miniature connector termination (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Class:

- Class 1    Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1 mm    1,5 mm    2 mm    3 mm  
 Other:

#### 5. Sheath material:

- Inconel 600    AISI 310    AISI316    AISI321    Pt10%Rh  
 Microbell/Pyrosil    Other:

#### 6. Junction type:

- Ungrounded    Grounded    Exposed

#### 7. Miniature connector:

- Plug    Socket

#### 8. Connector temperature:

- 200°C    350°C    650°C

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

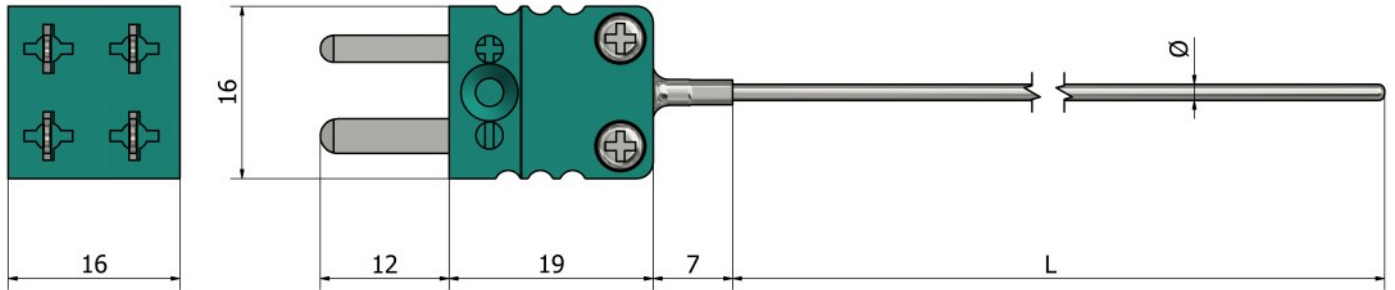
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TM11 – Temperature sensors for plastic and rubber industry

## Miniature connector termination (duplex) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Class:

- Class 1     Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1,5 mm     2 mm     3 mm  
 Other:

#### 5. Sheath material:

- Inconel 600     AISI 310     AISI316     AISI321     Pt10%Rh  
 Microbell/Pyrosil     Other:

#### 6. Junction type:

- Ungrounded     Grounded     Exposed

#### 7. Duplex miniature connector:

- Plug     Socket

#### 8. Connector temperature: 200°C

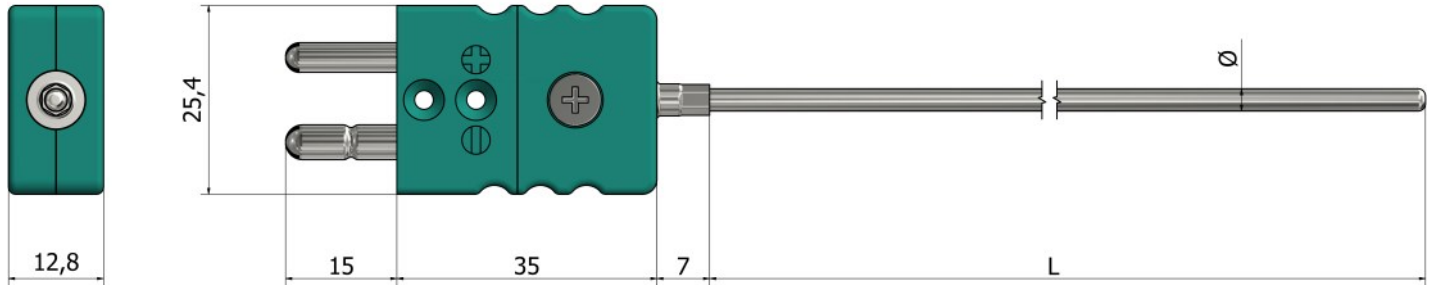
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TM12 – Temperature sensors for plastic and rubber industry

## Standard connector termination (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Class:

- Class 1     Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1 mm     1,5 mm     2 mm     3 mm     4,5 mm  
 6 mm     8 mm     Other:

#### 5. Sheath material:

- Inconel 600     AISI 310     AISI316     AISI321     Pt10%Rh  
 Microbell/Pyrosil     Other:

#### 6. Junction type:

- Ungrounded     Grounded     Exposed

#### 7. Standard connector:

- Plug     Socket

#### 8. Connector temperature:

- 200°C     350°C     650°C

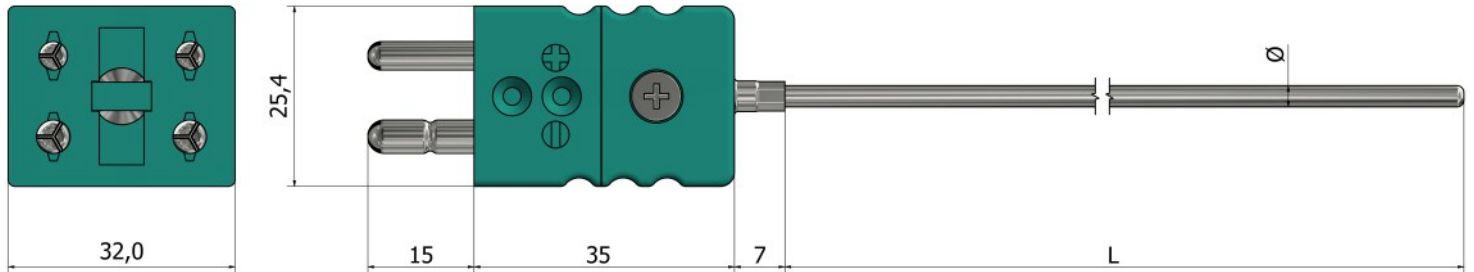
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TM13 – Temperature sensors for plastic and rubber industry

## Standard connector termination (duplex) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1,5 mm     2 mm     3 mm     4,5 mm  
 6 mm     8 mm     Other:

#### 5. Sheath material:

- Inconel 600     AISI 310     AISI316     AISI321     Pt10%Rh  
 Microbell/Pyrosil     Other:

#### 6. Junction type:

- Ungrounded     Grounded     Exposed

#### 7. Duplex standard connector:

- Plug     Socket

#### 8. Connector temperature:

- 200°C

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

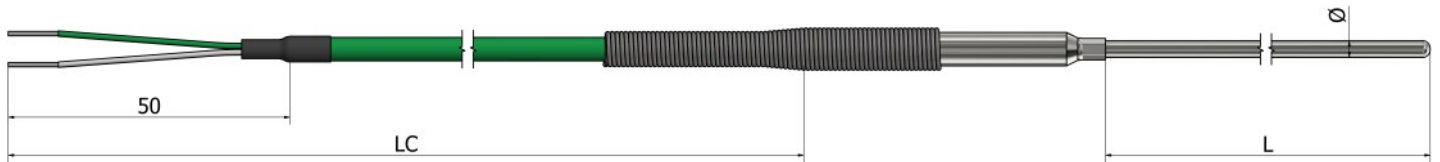
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TM20 – Temperature sensors for plastic and rubber industry

## Cable prolongation (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Class:

- Class 1     Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1 mm     1,5 mm     2 mm     3 mm     4,5 mm  
 6 mm     8 mm     Other:

#### 5. Sheath material:

- Inconel 600     AISI 310     AISI316     AISI321     Pt10%Rh  
 Microbell/Pyrosil     Other:

#### 6. Junction type:

- Ungrounded     Grounded     Exposed

#### 7. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 8. Cable length LC (mm):

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

### How to order?

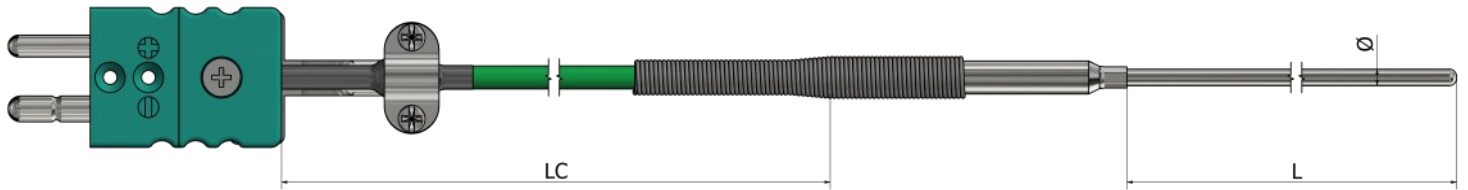
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TM21 – Temperature sensors for plastic and rubber industry

## Cable prolongation with connector (*Thermocouple*)



### Ordering information

**1. Thermocouple:**

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

**2. Class:**

- Class 1    Class 2

**3. Sheath length L (mm):**
**4. Sheath diameter Ø:**

- 1 mm    1,5 mm    2 mm    3 mm    4,5 mm  
 6 mm    8 mm    Other:

**5. Sheath material:**

- Inconel 600    AISI 310    AISI316    AISI321    Pt10%Rh  
 Microbell/Pyrosil    Other:

**6. Junction type:**

- Ungrounded    Grounded    Exposed

**7. Cable prolongation:**

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

**8. Cable length LC (mm):**
**9. Crimp protection:**

- Spring    Heat shrink sleeve    Without

**10. Connector:**

- Miniature    Miniature    Standard    Standard

**11. Connector temperature:**

- 200°C    350°C    650°C

**12. Option:**

- Cable clamp    Custom ID label    Without

**Additional:**

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

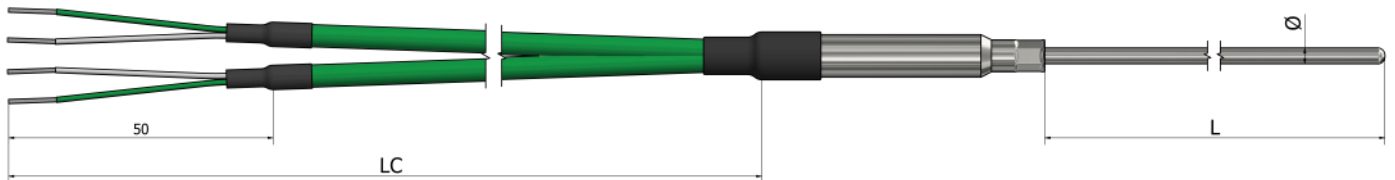
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TM22 – Temperature sensors for plastic and rubber industry

## Cable prolongation (duplex) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Class:

- Class 1     Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1,5 mm     2 mm     3 mm     4,5 mm  
 6 mm     8 mm     Other:

#### 5. Sheath material:

- Inconel 600     AISI 310     AISI316     AISI321     Pt10%Rh  
 Microbell/Pyrosil     Other:

#### 6. Junction type:

- Ungrounded     Grounded     Exposed

#### 7. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 8. Cable length LC (mm):

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

### How to order?

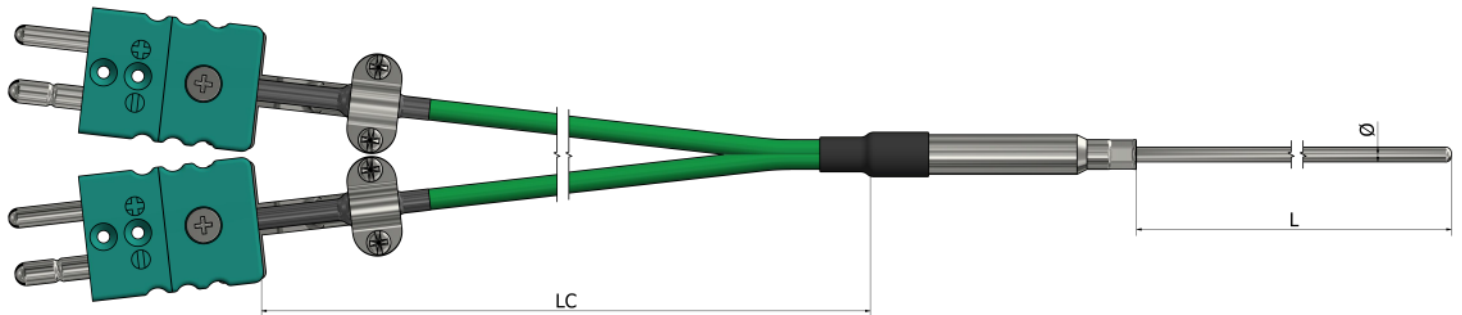


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TM23 – Temperature sensors for plastic and rubber industry

## Cable prolongation with connector (duplex) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Class:

- Class 1    Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1,5 mm    2 mm    3 mm    4,5 mm  
 6 mm    8 mm    Other:

#### 5. Sheath material:

- Inconel 600    AISI 310    AISI316    AISI321    Pt10%Rh  
 Microbell/Pyrosil    Other:

#### 6. Junction type:

- Ungrounded    Grounded    Exposed

#### 7. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 8. Cable length LC (mm):

#### 9. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 10. Connector:

- Miniature    Miniature    Standard    Standard

#### 11. Connector temperature:

- 200°C    350°C    650°C

#### 12. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

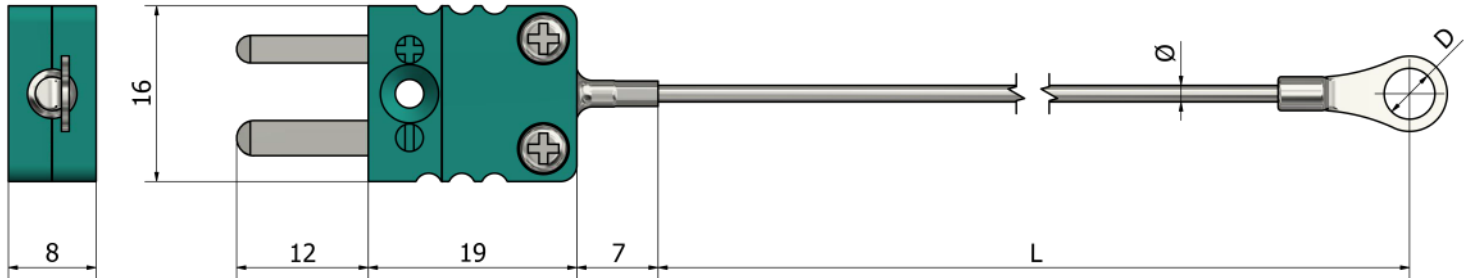
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TM50 – Temperature sensors for plastic and rubber industry

## Washer mount (*Thermocouple*)



\*Washer material **Tinned copper**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Class:

- Class 1    Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1 mm    1,5 mm    2 mm    3 mm  
 Other:

#### 5. Sheath material:

- Inconel 600    AISI 310    AISI316    AISI321    Pt10%Rh  
 Microbell/Pyrosil    Other:

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 8. Connector temperature:

- 200°C    350°C    650°C

#### 9. Hole diameter D (mm):

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

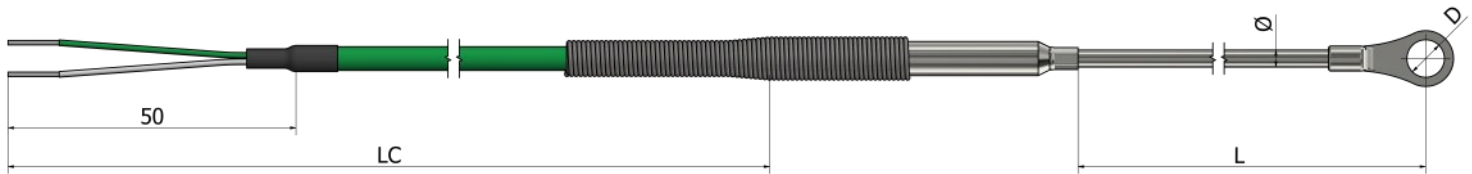
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TM51 – Temperature sensors for plastic and rubber industry

## Cable prolongation with washer mount (*Thermocouple*)



\*Washer material **tinned copper**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Class:

- Class 1    Class 2

#### 3. Sheath length L (mm):

#### 4. Sheath diameter Ø:

- 1 mm    1,5 mm    2 mm    3 mm  
 Other:

#### 5. Sheath material:

- Inconel 600    AISI 310    AISI316    AISI321    Pt10%Rh  
 Microbell/Pyrosil    Other:

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 8. Cable length LC (mm):

#### 9. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 10. Hole diameter D (mm):

#### 11. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 12. Connector temperature:

- 200°C    350°C    650°C

#### 13. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

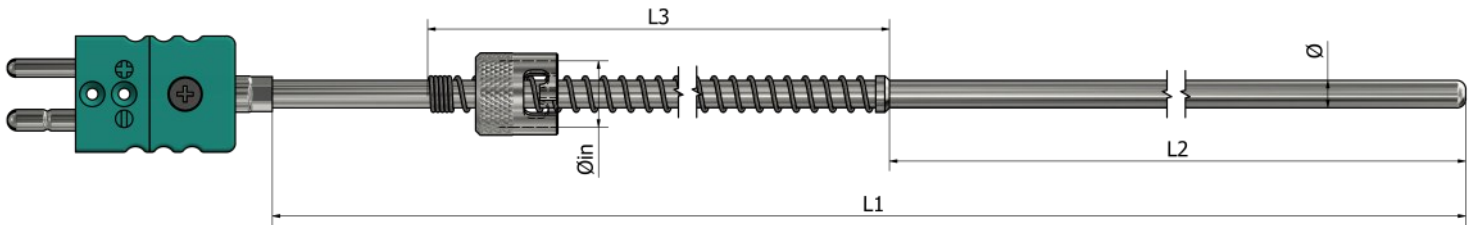


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TM53 – Temperature sensors for plastic and rubber industry

## Bayonet MI (*Thermocouple*)



*\*Bayonet cap nickel plated brass*

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Sheath lengths L1, L2, L3 (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

#### 4. Sheath diameter Ø:

- 3 mm     4,5 mm     6 mm  
 Other:

#### 5. Sheath material:

- Inconel 600     AISI 310     AISI316     AISI321     Pt10%Rh  
 Microbell/Pyrosil     Other:

#### 6. Junction type:

- Ungrounded     Grounded     Exposed

#### 7. Bayonet cap Øin (To suit MI Thermocouples Ø mm):

- 10,3 mm (3 mm)     12,4 mm (4,5 mm)     14,5 mm (6 mm)  
 Other:

#### 8. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 9. Connector temperature:

- 200°C     350°C     650°C

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

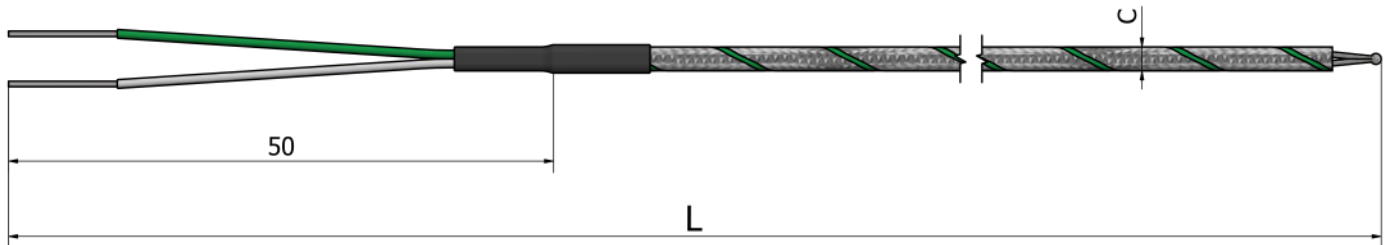
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TC20 – Temperature sensors for plastic and rubber industry

## Flat fiberglass (fiberglass/fiberglass) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type J  
 Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Class:

- Class 1     Class 2

#### 3. Wire and cable size:

- 1 x 0,5 (0,20 mm<sup>2</sup>)       1 x 0,3 (0,07 mm<sup>2</sup>)  
 Other:

#### 4. Cable length L (mm):

### How to order?

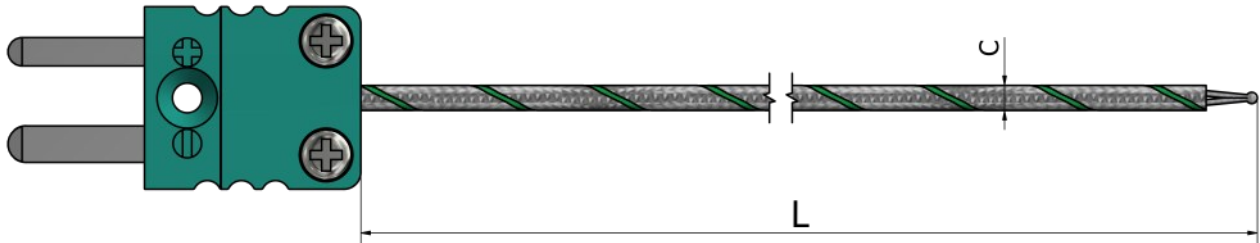


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TC21 – Temperature sensors for plastic and rubber industry

## Flat fiberglass (fiberglass/fiberglass) with connector (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type J  
 Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Wire and cable size:

- 1 x 0,5 (0,20 mm<sup>2</sup>)                       1 x 0,3 (0,07 mm<sup>2</sup>)  
 Other:

#### 4. Cable length L (mm):

#### 5. Connector:

- Miniature     Miniature     Standard     Standard

#### 6. Connector temperature:

- 200°C     350°C     650°C

#### 7. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

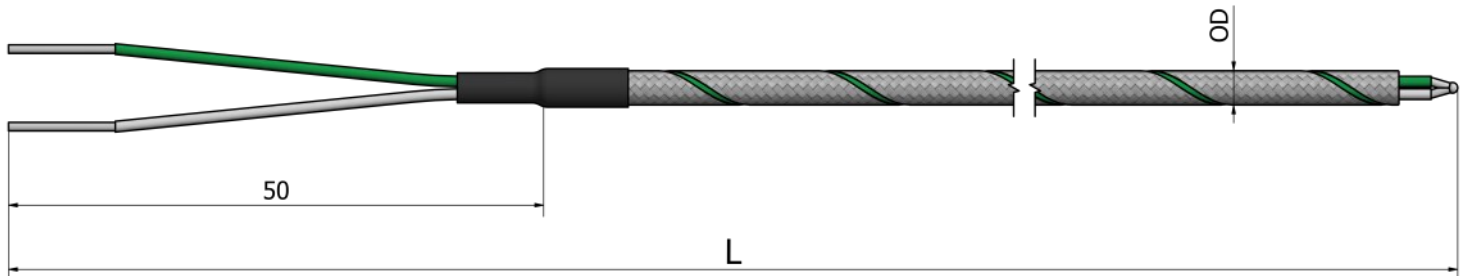
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TC50 – Temperature sensors for plastic and rubber industry

## Fiberglass (fiberglass/fiberglass/braid) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K   
  Type J   
  Type N   
  Type T  
 Other:

#### 2. Class:

- Class 1   
  Class 2

#### 3. Wire and cable size:

- 7 x 0,2 (0,22 mm<sup>2</sup>) OD ≈ Ø3,0 mm  
 Other:

#### 4. Cable length L (mm):

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

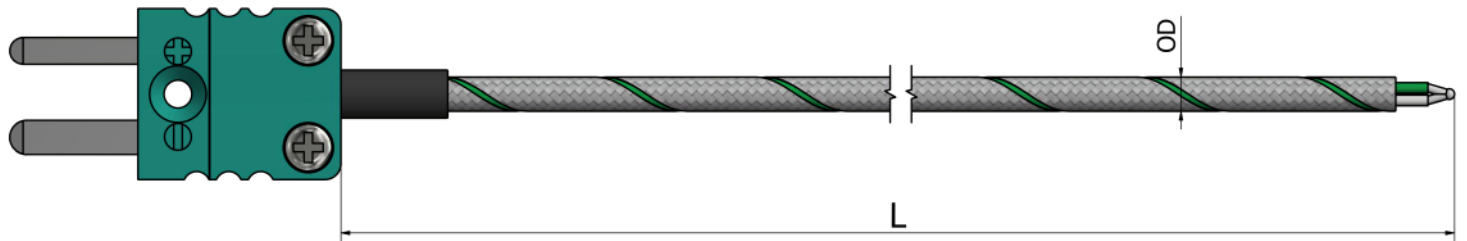


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TC51 – Temperature sensors for plastic and rubber industry

## Fiberglass with connector (fiberglass/fiberglass/braid) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K   
  Type J   
  Type N   
  Type T  
 Other:

#### 2. Class:

- Class 1   
  Class 2

#### 3. Wire and cable size:

- 7 x 0,2 (0,22 mm<sup>2</sup>) OD ≈ Ø3,0 mm  
 Other:

#### 4. Cable length L (mm):

#### 5. Connector:

- Miniature   
  Miniature   
  Standard   
  Standard

#### 6. Connector temperature:

- 200°C   
  350°C   
  650°C

#### 7. Option:

- Cable clamp   
  Custom ID label   
  Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

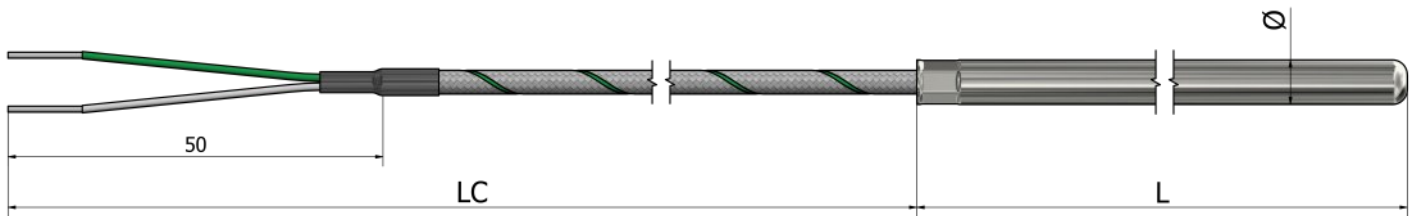


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TT10 – Temperature sensors for plastic and rubber industry

## Standard tube (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Class:

- Class 1     Class 2

#### 3. Tube dimensions: (Material SS 316L)

- Ø3 x 50 mm     Ø4 x 40 mm     Ø5 x 50 mm  
 Ø6 x 50 mm     Other:

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Crimp protection:

- Spring     Heat shrink sleeve     Without

### How to order?

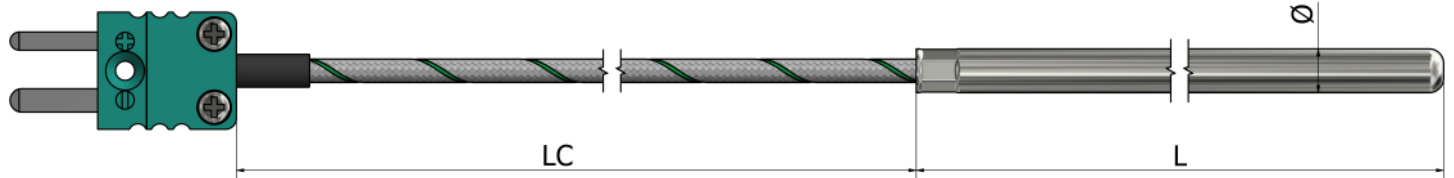


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TT11 – Temperature sensors for plastic and rubber industry

## Standard tube with connector (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Tube dimensions: (Material SS 316L)

- Ø3 x 50 mm     Ø4 x 40 mm     Ø5 x 50 mm  
 Ø6 x 50 mm     Other:

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 7. Connector:

- Miniature     Miniature     Standard     Standard

#### 8. Connector temperature:

- 200°C     350°C     650°C

#### 9. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

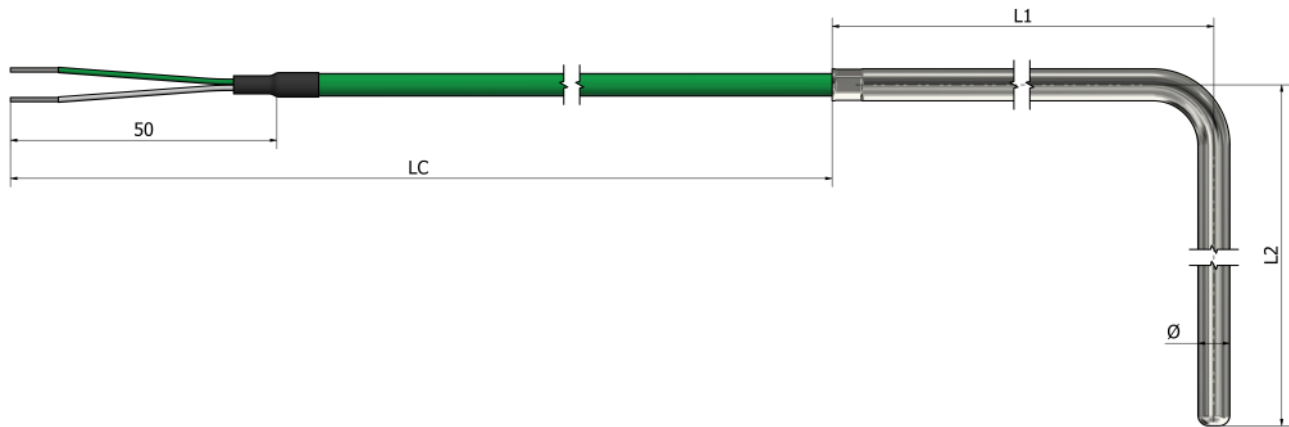


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TT12 – Temperature sensors for plastic and rubber industry

## Standard tube (90° bend) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Tube dimension (mm): (*Material SS 316L*)

L1 \_\_\_\_\_ L2 \_\_\_\_\_ Ø \_\_\_\_\_

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 7. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 8. Connector temperature:

- 200°C     350°C     650°C

#### 9. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TT20 – Temperature sensors for plastic and rubber industry

## Pot seal (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Tube dimension (mm): (Material SS 316L)

L \_\_\_\_\_    Ø \_\_\_\_\_

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 7. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 8. Connector temperature:

- 200°C     350°C     650°C

#### 9. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

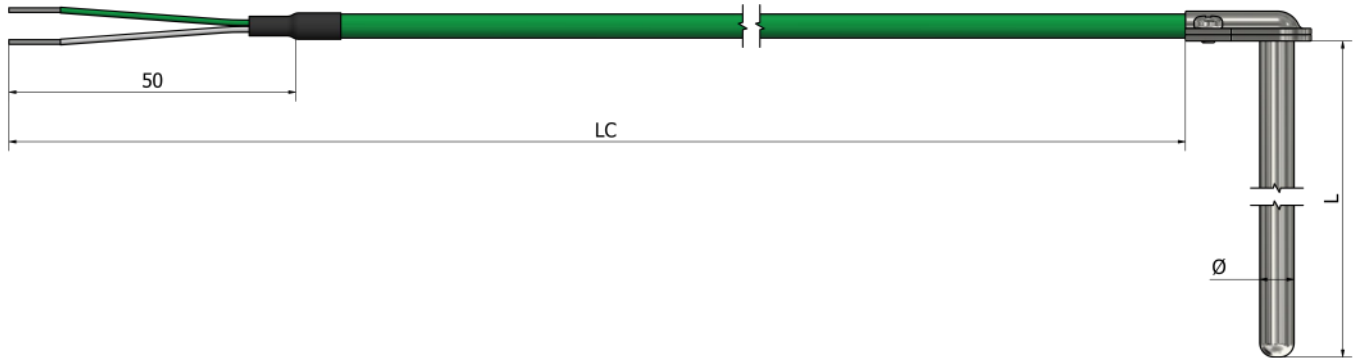
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TT30 – Temperature sensors for plastic and rubber industry

## Plug-in (Clamp) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Class:

- Class 1     Class 2

#### 3. Tube dimension (mm): (*Material SS 316L*)

L \_\_\_\_\_    Ø \_\_\_\_\_

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 7. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 8. Connector temperature:

- 200°C     350°C     650°C

#### 9. Option:

- Cable clamp     Custom ID label     Without

### How to order?

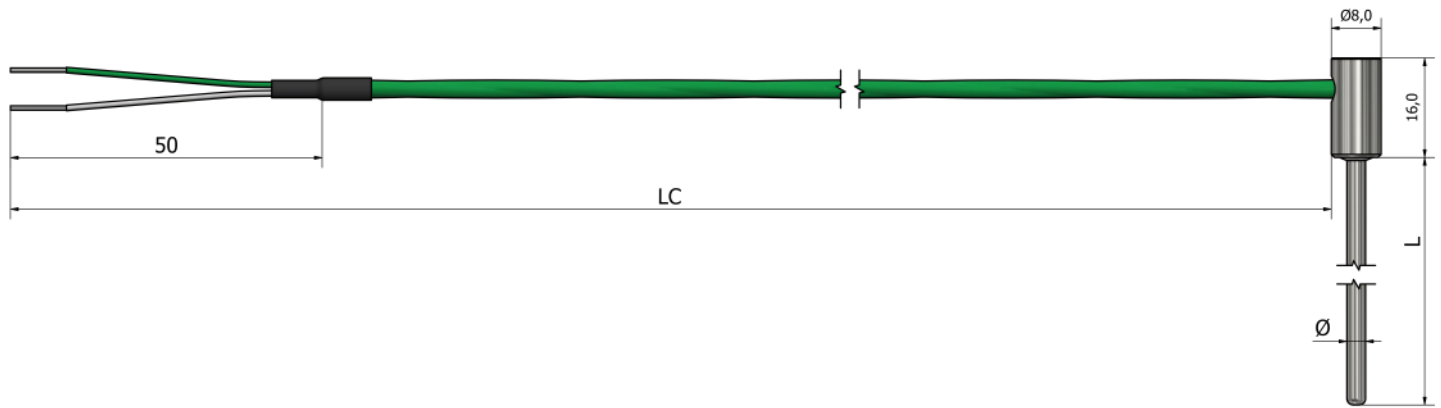


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TT35 – Temperature sensors for plastic and rubber industry

## Plug-in (Miniature) (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Tube dimension (mm): (*Material SS 316L*)

L \_\_\_\_\_ Ø \_\_\_\_\_

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 7. Connector temperature:

- 200°C     350°C     650°C

#### 8. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?



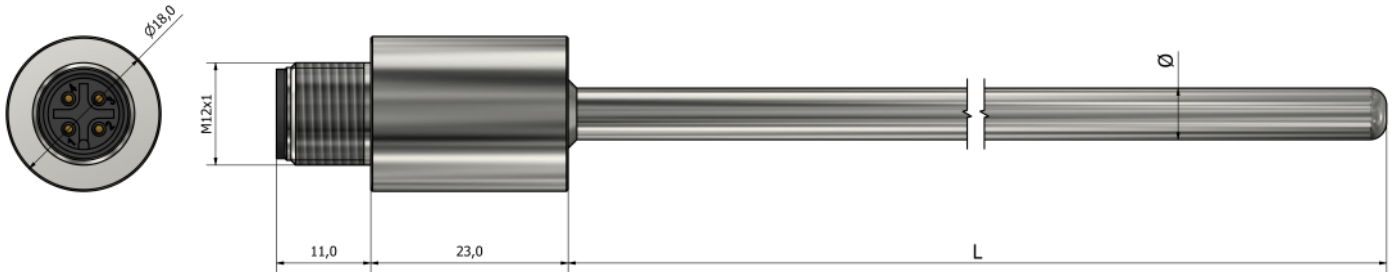
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TT40 – Temperature sensors for plastic and rubber industry

## Integrated M12 connector (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Tube dimension (mm): (Material SS 316L)

L \_\_\_\_\_ Ø \_\_\_\_\_

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

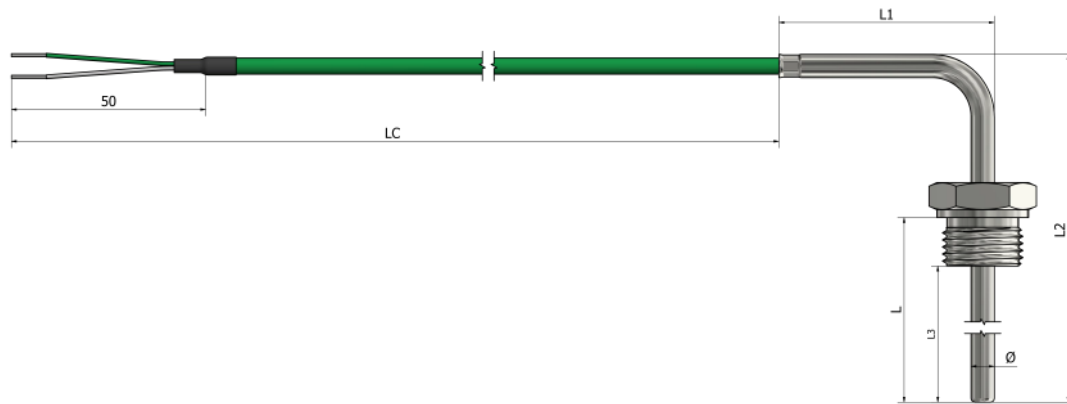


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TR13 – Temperature sensors for plastic and rubber industry

## Fixed thread (90° bend) (Type 1) (Thermocouple)



\*Tube material SS 316L \*Thread material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Lengths (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 4. Length L or L3 (mm):

#### 5. Diameter Ø (mm):

#### 6. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 9. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### 10. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 11. Connector temperature:

- 200°C     350°C     650°C

#### 12. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

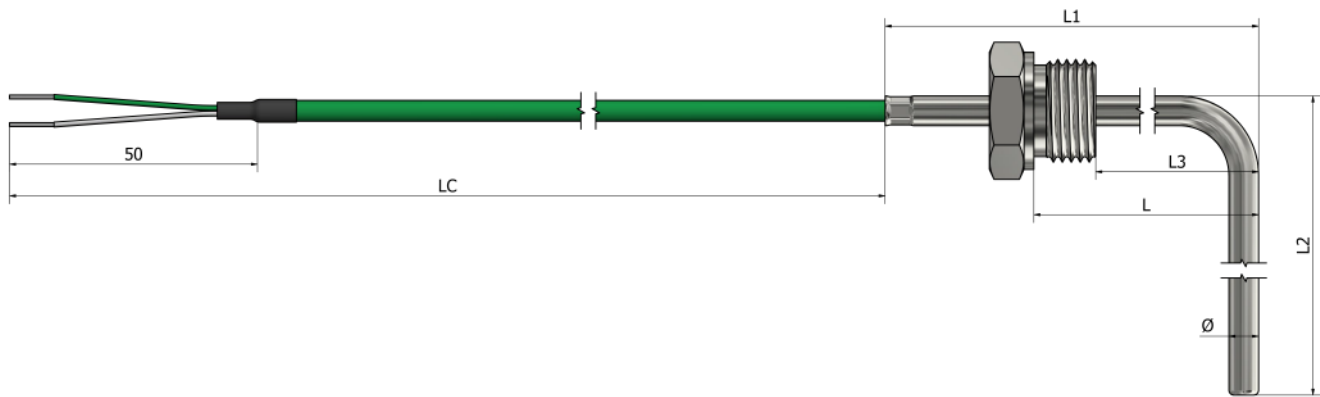


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TR14 – Temperature sensors for plastic and rubber industry

## Fixed thread (90° bend) (Type 2) (Thermocouple)



\*Tube material SS 316L \*Thread material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Lengths (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 4. Length L or L3 (mm):

#### 5. Diameter Ø (mm):

#### 6. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 9. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### 10. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 11. Connector temperature:

- 200°C     350°C     650°C

#### 12. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

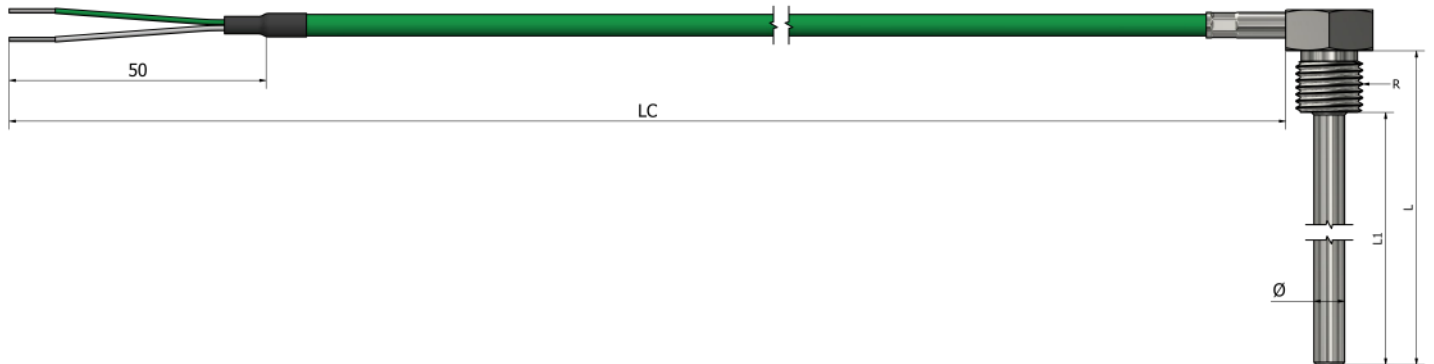
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TR15 – Temperature sensors for plastic and rubber industry

## Fixed thread with 90° cable prolongation (*Thermocouple*)



\*Tube material **SS 316L** \*Thread material **SS (304 / 304L / 316 / 316L)**

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Length L or L1 (mm):

#### 4. Diameter Ø (mm):

#### 5. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 6. Cable length LC (mm):

#### 7. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 8. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### 9. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 10. Connector temperature:

- 200°C     350°C     650°C

#### 11. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

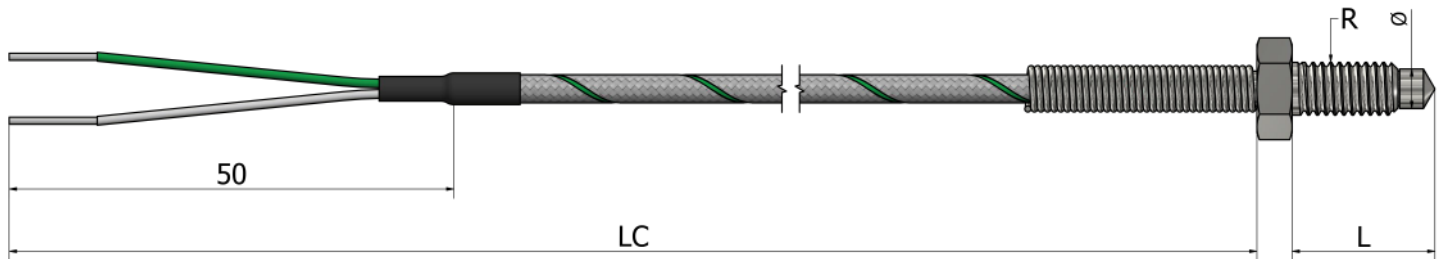
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TR20 – Temperature sensors for plastic and rubber industry

## Nozzle (*Thermocouple*)



\*Nozzle and thread material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Length L (mm):

#### 4. Diameter Ø (mm):

#### 5. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 6. Cable length LC (mm):

#### 7. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 8. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### 9. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 10. Connector temperature:

- 200°C     350°C     650°C

#### 11. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

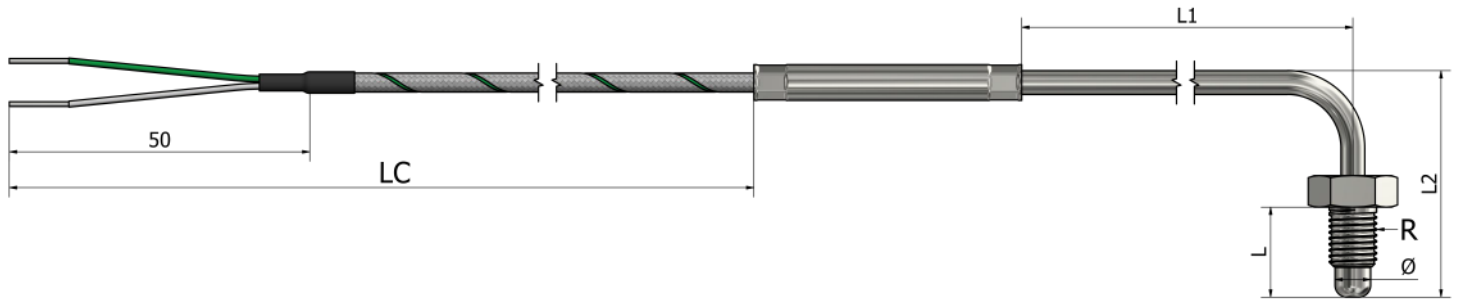


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TR21 – Temperature sensors for plastic and rubber industry

## Nozzle (90° bend) (*Thermocouple*)



\*Tube material **SS 316L** \*Nozzle and thread material **SS (304 / 304L / 316 / 316L)**

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 10. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 2. Class:

- Class 1     Class 2

#### 11. Connector temperature:

- 200°C     350°C     650°C

#### 3. Lengths (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 12. Option:

- Cable clamp     Custom ID label     Without

#### 4. Length L (mm):

#### 5. Diameter Ø (mm):

#### 6. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 9. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

### How to order?

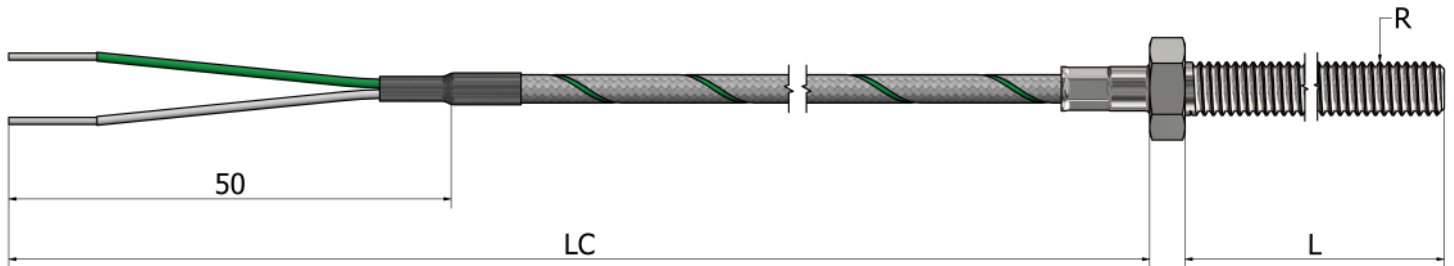


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TR22 – Temperature sensors for plastic and rubber industry

## Bolt (*Thermocouple*)



\*Bolt material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Length L (mm):

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 7. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### 8. Connector:

- Miniature Plug     Miniature Socket     Standard Plug     Standard Socket     Without

#### 9. Connector temperature:

- 200°C     350°C     650°C

#### 10. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

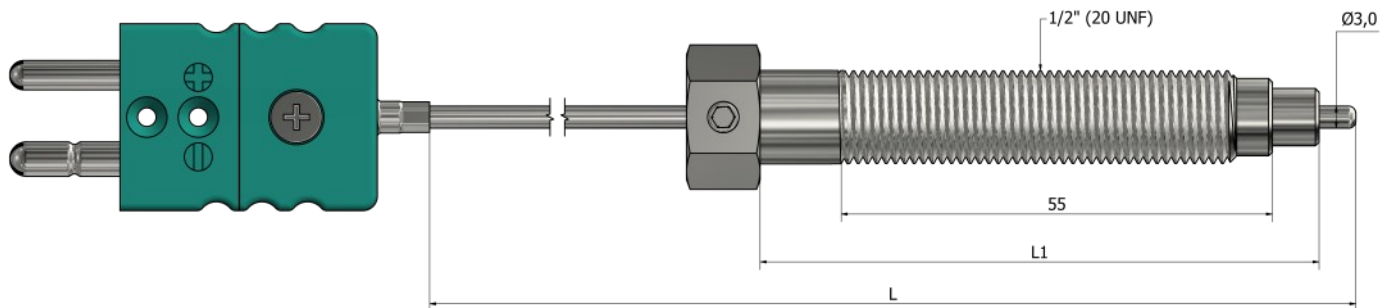
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TR25 – Temperature sensors for plastic and rubber industry

## Melt bolt (*Thermocouple*)



\*Bolt material **SS (304 / 304L / 316 / 316L)**

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Lengths (mm):

L \_\_\_\_\_ L1 \_\_\_\_\_

#### 4. Sheath material:

- Inconel 600     AISI 310     AISI316     AISI321     Pt10%Rh  
 Nicrobell/Pyrosil     Other:

#### 5. Junction type:

- Ungrounded     Grounded

#### 6. Connector:

- Miniature Plug     Miniature Socket     Standard Plug     Standard Socket     Without

#### 7. Connector temperature:

- 200°C     350°C     650°C

#### 8. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

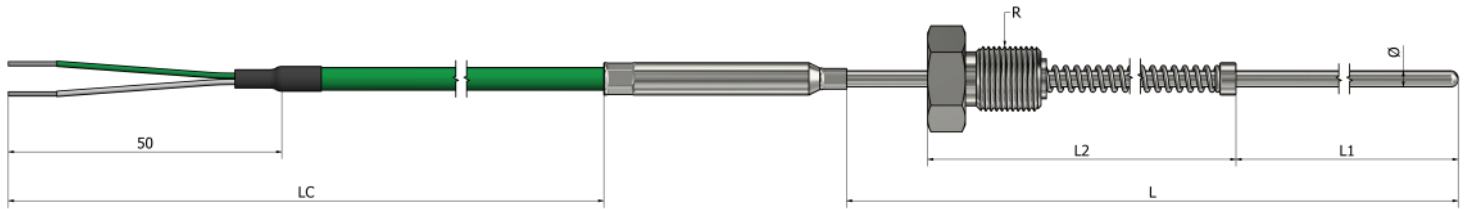
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TR50 – Temperature sensors for plastic and rubber industry

## Thread connection (Spring loaded) (*Thermocouple*)



\*Tube material **SS 316L** \*Thread material **SS (304 / 304L / 316 / 316L)**

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Class:

- Class 1     Class 2

#### 3. Lengths (mm):

L \_\_\_\_\_ L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 4. Diameter Ø (mm):

#### 5. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 6. Cable length LC (mm):

#### 7. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 8. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### 9. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 10. Connector temperature:

- 200°C     350°C     650°C

#### 11. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

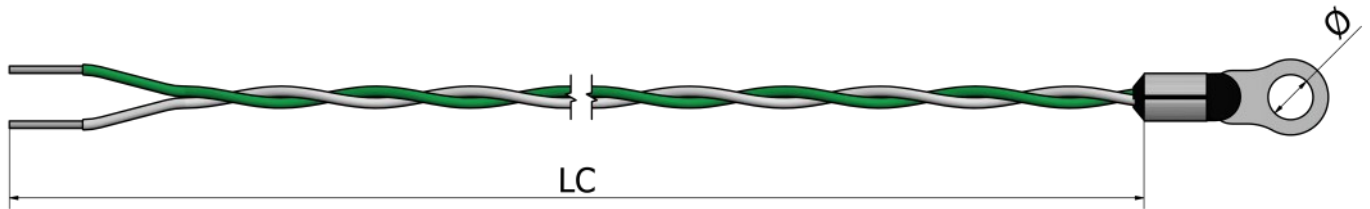
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS01 – Temperature sensors for plastic and rubber industry

## Washer mount (*Thermocouple*)



*\*Washer mount material Tinned copper*

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

#### 2. Number of thermocouples:

- x 1     x 2

#### 3. Class:

- Class 1     Class 2

#### 4. Cable prolongation:

- Teflon (260°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded     Grounded

#### 7. Hole size $\varnothing$ (mm):

#### 8. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 9. Connector temperature:

- 200°C     350°C     650°C

#### 10. Option:

- Cable clamp     Custom ID label     Without

### How to order?

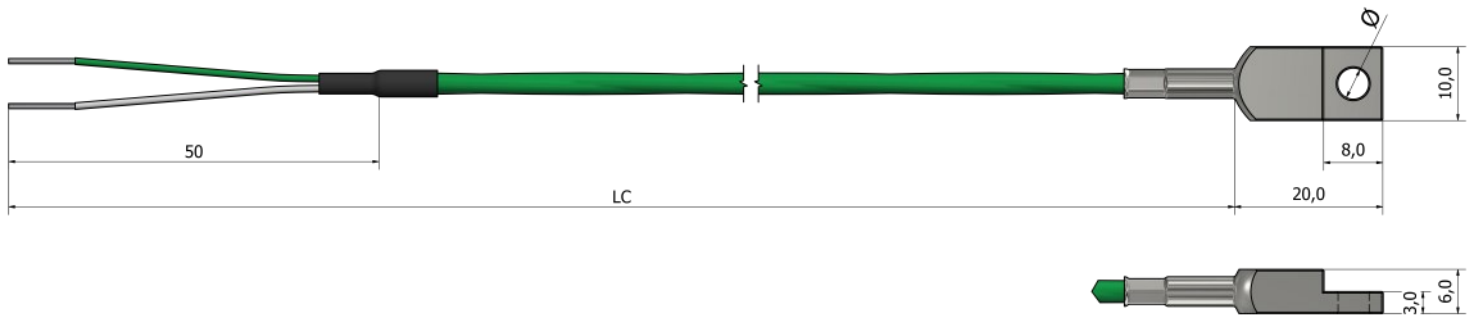


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS02 – Temperature sensors for plastic and rubber industry

## Reinforced washer mount (*Thermocouple*)



\*Washer mount material **SS 316L**

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Number of thermocouples:

- x 1     x 2

#### 3. Class:

- Class 1     Class 2

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded     Grounded

#### 7. Hole diameter $\varnothing$ (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 9. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 10. Connector temperature:

- 200°C     350°C     650°C

#### 11. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

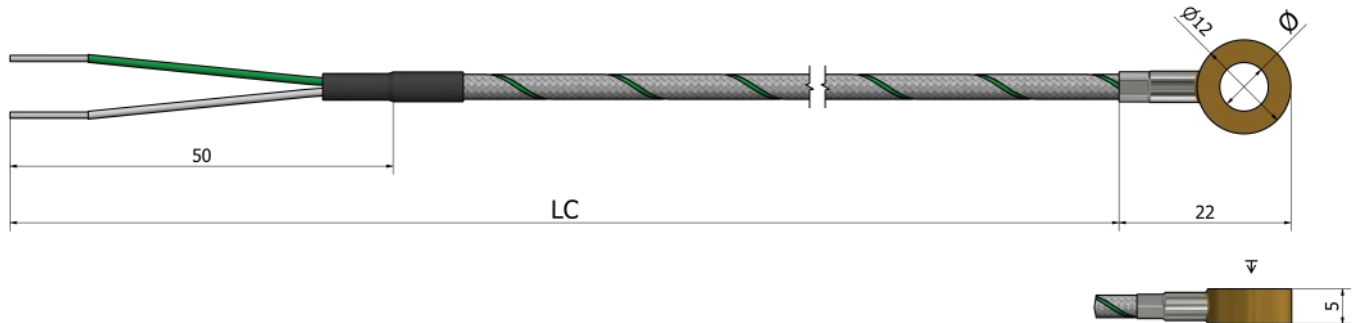
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS03 – Temperature sensors for plastic and rubber industry

## Ring mount (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Ring material:

- Brass    AISI 316L    Other:

#### 8. Ring size:

- M5    M6    Other:

#### 9. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 10. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 11. Connector temperature:

- 200°C    350°C    650°C

#### 12. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

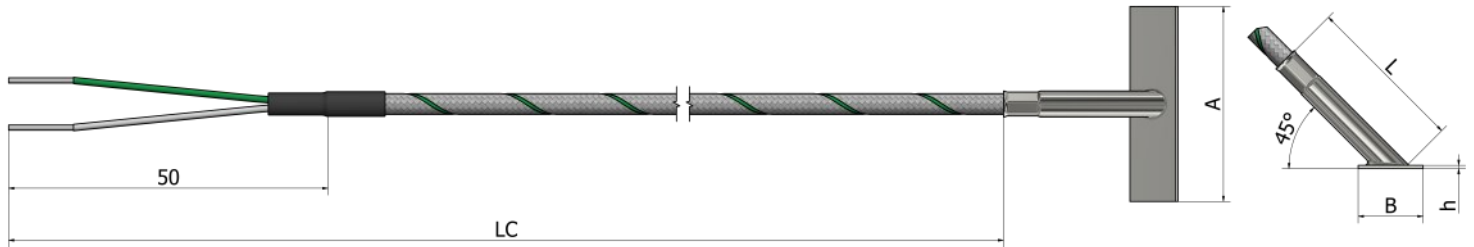
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS11 – Temperature sensors for plastic and rubber industry

## Weld pad (45° angle) (*Thermocouple*)



\*Weld pad and tube material **SS 316L**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Tube length L (mm):

#### 8. Pad material:

- AISI 316L    Other:

#### 9. Pad dimensions A x B (mm):

- 15 x 10    25 x 10    30 x 10  
 Other:

#### 10. Pad thickness h (mm):

- 0,5    Other:

#### 11. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 12. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 13. Connector temperature:

- 200°C    350°C    650°C

#### 14. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

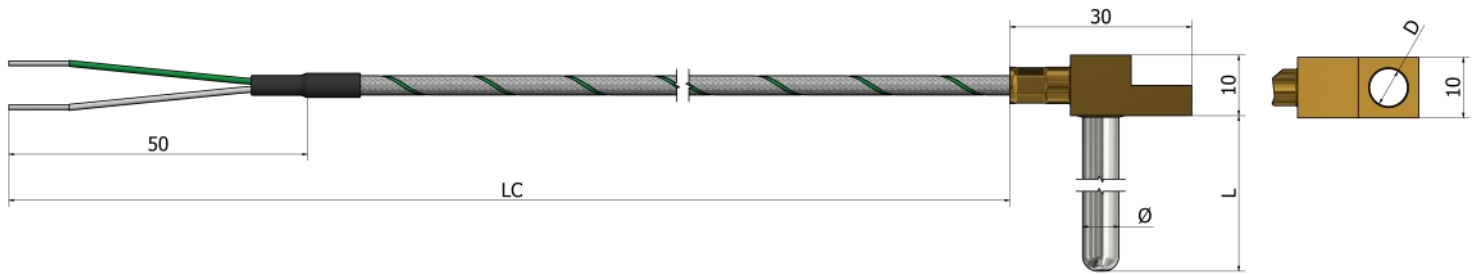
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TS20 – Temperature sensors for plastic and rubber industry

## Angle / Plug-in (*Thermocouple*)



\*Mounting block material **Brass** \*Tube material **SS 316L**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Hole size Ø D (mm):

#### 8. Insertion diameter Ø (mm):

- 4    5    6    Other:

#### 9. Insertion depth L (mm):

#### 10. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 11. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 12. Connector temperature:

- 200°C    350°C    650°C

#### 13. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

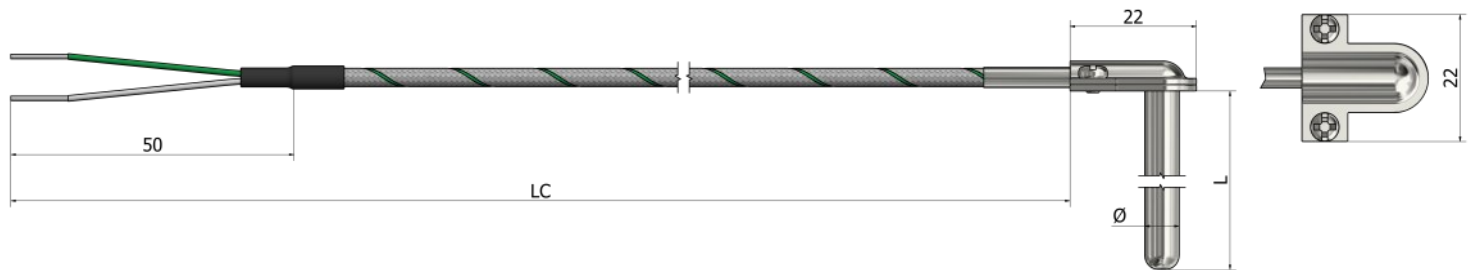
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS21 – Temperature sensors for plastic and rubber industry

## Angle / Plug-in (Clamp) (*Thermocouple*)



\*Clamp and tube material **SS 316L**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Insertion diameter Ø (mm):

- 4    5    6    Other:

#### 8. Insertion depth L (mm):

#### 9. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 10. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 11. Connector temperature:

- 200°C    350°C    650°C

#### 12. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

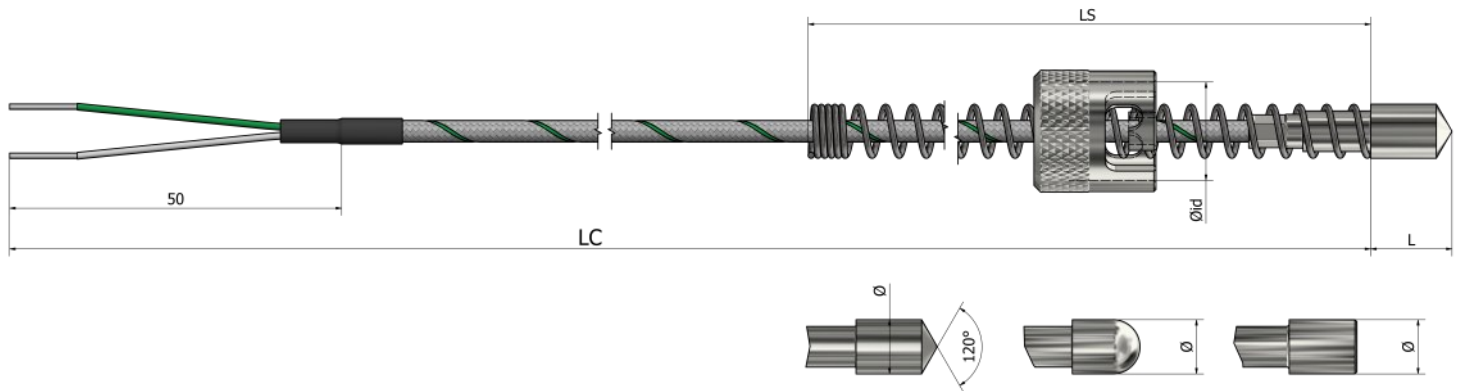
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS30 – Temperature sensors for plastic and rubber industry

## Bayonet (*Thermocouple*)



### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Number of thermocouples:

- x 1     x 2

#### 3. Class:

- Class 1     Class 2

#### 4. Cable prolongation:

- Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded     Grounded

#### 7. Sheath tip dimensions Ø x L (mm):

- 5 x 12     6 x 10     8 x 10     Other:

#### 8. Sheath tip type: (Material SS 316L)



- Round     Conical     Flat

#### 9. Bayonet cap Øid (mm): (Material Nickel-Plated Brass)

- 10,5     12,5     14,5     Other:

#### 10. Spring length LS (mm):

#### 11. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 12. Connector temperature:

- 200°C     350°C     650°C

#### 13. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.

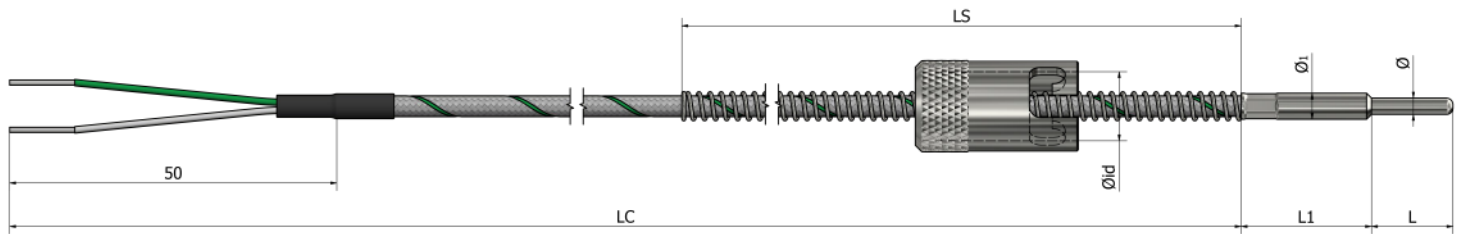






# TS31 – Temperature sensors for plastic and rubber industry

## Bayonet with reduced tip (*Thermocouple*)



\*Tube and tip material **Stainless steel 316L**

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Number of thermocouples:

- x 1     x 2

#### 3. Class:

- Class 1     Class 2

#### 4. Cable prolongation:

- Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded     Grounded

#### 7. Dimensions L and Ø (mm):

L \_\_\_\_\_ Ø \_\_\_\_\_

#### 8. Dimensions L1 and Ø1 (mm):

L1 \_\_\_\_\_ Ø1 \_\_\_\_\_

#### 9. Bayonet cap Ø1d (mm): (material **Nickel-plated brass**)

- 10,5     12,5     14,5     Other:

#### 10. Spring length LS (mm):

#### 11. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 12. Connector temperature:

- 200°C     350°C     650°C

#### 13. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application: \_\_\_\_\_

Operating temperature (min/max): \_\_\_\_\_

Type of environment: \_\_\_\_\_

Accessories:

See the part "Accessories"

Quantity: \_\_\_\_\_

Note: \_\_\_\_\_

### How to order?

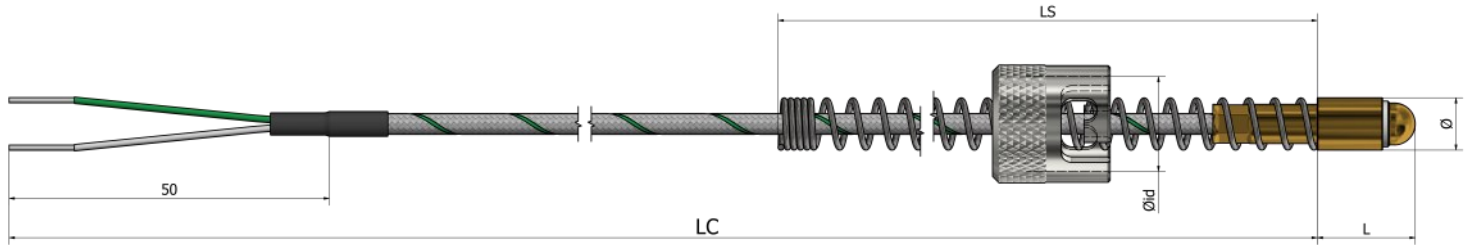
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TS32 – Temperature sensors for plastic and rubber industry

## Bayonet with ceramic tip (*Thermocouple*)



\*Tip material **Ceramic**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Sheath tip dimensions Ø x L (mm):

- 5 x 12    6 x 10    8 x 10    Other:

#### 8. Bayonet cap Øid (mm): (Material Nickel-Plated Brass)

- 10,5    12,5    14,5    Other:

#### 9. Spring length LS (mm):

#### 10. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 11. Connector temperature:

- 200°C    350°C    650°C

#### 12. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

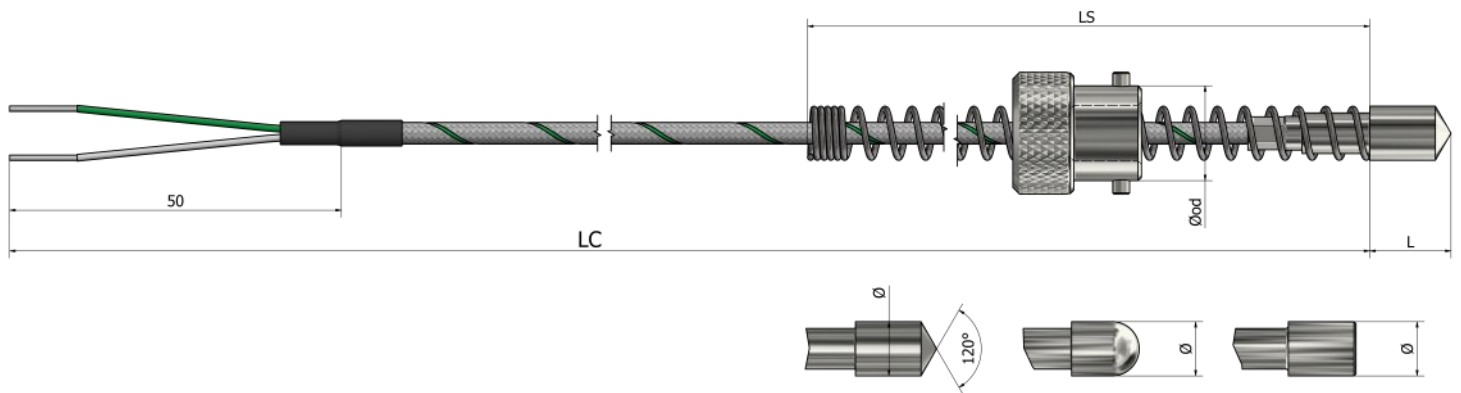


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS33 – Temperature sensors for plastic and rubber industry

## Bayonet (Reverse) (Thermocouple)



### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Sheath tip dimensions $\varnothing \times L$ (mm):

- 5 x 12    6 x 10    8 x 10    Other:

#### 8. Sheath tip type: (Material SS 316L)



- Round    Conical    Flat

#### 9. Bayonet adapter $\varnothing_{od}$ (mm): (Material Nickel-Plated Brass)

- 10,5    12,5    14,5    Other:

#### 10. Spring length LS (mm):

#### 11. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 12. Connector temperature:

- 200°C    350°C    650°C

#### 13. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

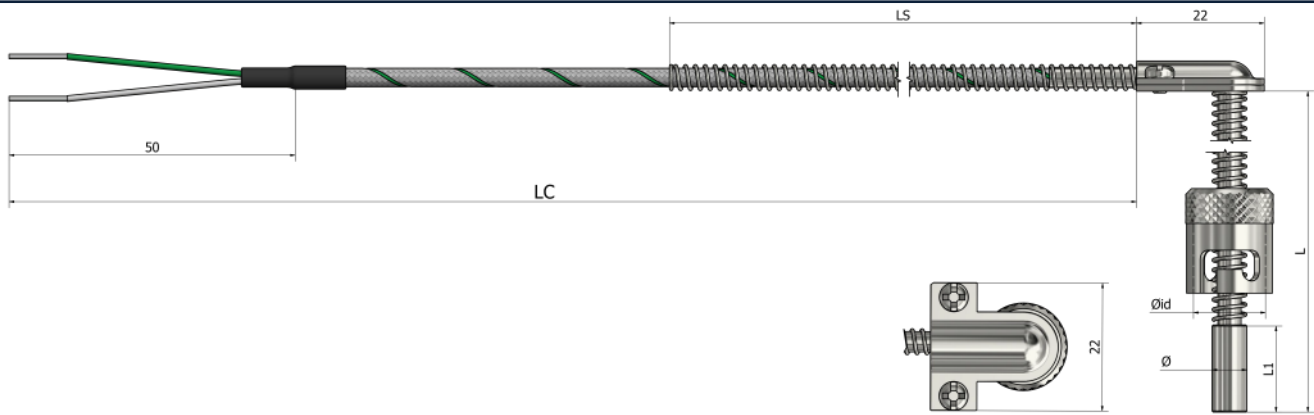
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TS34 – Temperature sensors for plastic and rubber industry

## Bayonet with clamp (90° angle) (*Thermocouple*)



\*Clamp and tube material **SS 316L**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Cable length L (mm):

#### 7. Junction type:

- Ungrounded    Grounded

#### 8. Sheath tip dimensions Ø x L (mm):

- 5 x 12    6 x 10    8 x 10    Other:

#### 9. Sheath tip type: (Material **SS 316L**)



- Round    Conical    Flat

#### 10. Bayonet cap Øid (mm): (Material **Nickel-Plated Brass**)

- 10,5    12,5    14,5    Other:

#### 11. Spring length LS (mm):

#### 12. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 13. Connector temperature:

- 200°C    350°C    650°C

#### 14. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

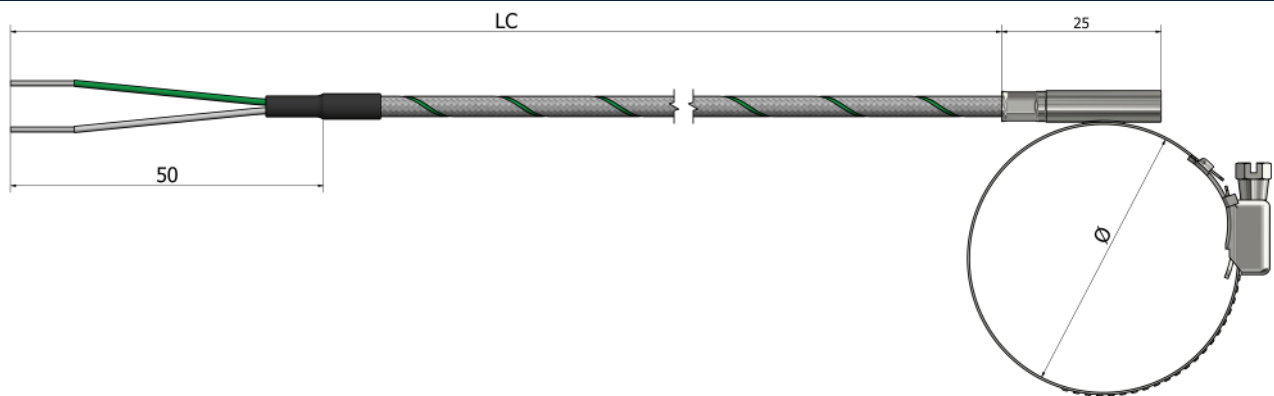
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TS41 – Temperature sensors for plastic and rubber industry

## Pipe-Clamp (Type 1) (Thermocouple)



\*Tube and clamp material **SS 316L**

### Ordering information

#### 1. Thermocouple:

- Type K     Type N     Type J     Type T     Type E  
 Type R     Type S     Type B     Other:

#### 2. Number of thermocouples:

- x 1     x 2

#### 3. Class:

- Class 1     Class 2

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

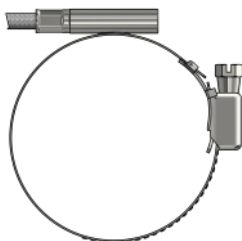
#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded     Grounded

#### 7. Clamp size Ø (mm):

#### 8. Clamp direction:



V1



V2

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 10. Connector:

- Miniature     Miniature     Standard     Standard     Without

#### 11. Connector temperature:

- 200°C     350°C     650°C

#### 12. Option:

- Cable clamp     Custom ID label     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

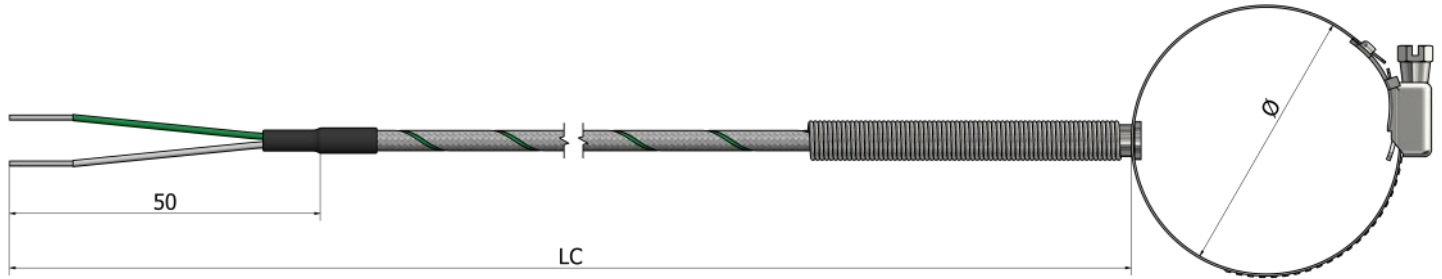
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# TS42 – Temperature sensors for plastic and rubber industry

## Pipe-Clamp (Type 2) (*Thermocouple*)



\*Tube and clamp material **SS 316L**

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Clamp size Ø (mm):

#### 8. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 9. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 10. Connector temperature:

- 200°C    350°C    650°C

#### 11. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

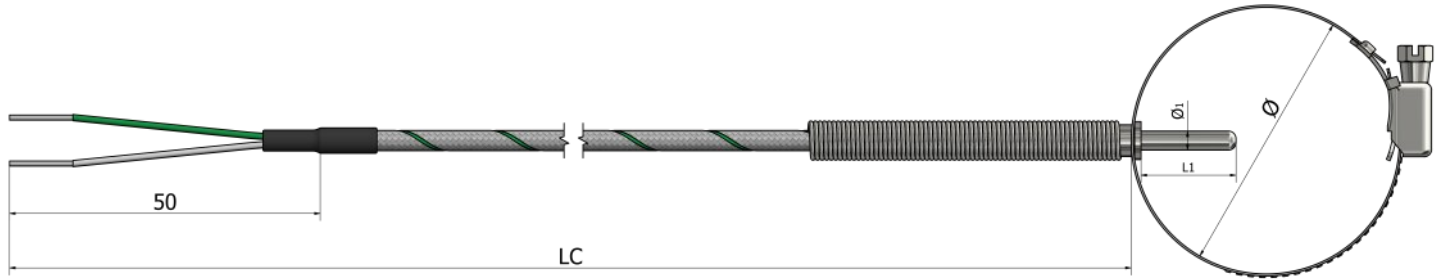
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# TS43 – Temperature sensors for plastic and rubber industry

## Pipe-Clamp (Type 3) (Thermocouple)



\*Tube and clamp material SS 316L

### Ordering information

#### 1. Thermocouple:

- Type K    Type N    Type J    Type T    Type E  
 Type R    Type S    Type B    Other:

#### 2. Number of thermocouples:

- x 1    x 2

#### 3. Class:

- Class 1    Class 2

#### 4. Cable prolongation:

- PVC (105°C)    Silicone (180°C)    Teflon (260°C)  
 Fiberglass (400°C)    Other:

#### 5. Cable length LC (mm):

#### 6. Junction type:

- Ungrounded    Grounded

#### 7. Clamp size Ø (mm):

#### 8. Insertion diameter Ø1 (mm):

- 4    5    6    Other:

#### 9. Insertion depth L1 (mm):

#### 10. Crimp protection:

- Spring    Heat shrink sleeve    Without

#### 11. Connector:

- Miniature    Miniature    Standard    Standard    Without

#### 12. Connector temperature:

- 200°C    350°C    650°C

#### 13. Option:

- Cable clamp    Custom ID label    Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# RTDs

for plastic and rubber industry

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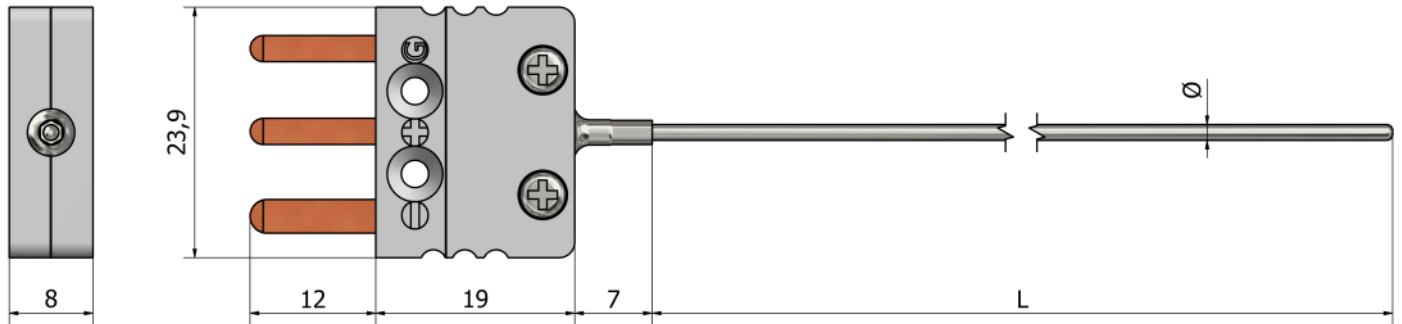
·|·|·|· EuroSensors





# PM10 – Temperature sensors for plastic and rubber industry

## Miniature connector termination (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires)

- 2     3

#### 4. Sheath length L (mm):

#### 5. Sheath diameter Ø:

- 1,5 mm     2 mm     3 mm     4,5 mm     6 mm  
 Other:

#### 6. Sheath material:

- AISI304L     AISI316L     Other:

#### 7. Miniature connector 200°C:

- Plug     Socket

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

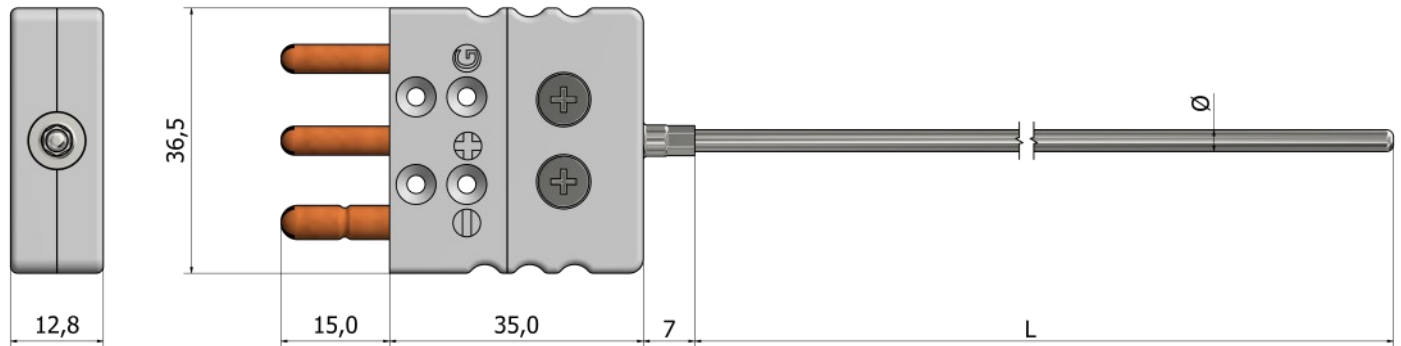


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PM12 – Temperature sensors for plastic and rubber industry

## Standard connector termination (RTD)



### Ordering information

#### 1. Element type:

- Pt 100   
  Pt 500   
  Pt 1000  
 Other:

#### 2. Element class:

- A   
  B   
  Other:

#### 3. Wiring configuration: (number of wires)

- 2   
  3

#### 4. Sheath length L (mm):

#### 5. Sheath diameter Ø:

- 1,5 mm   
  2 mm   
  3 mm   
  4,5 mm   
  6 mm  
 Other:

#### 6. Sheath material:

- AISI304L   
  AISI316L   
  Other:

#### 7. Standard connector 200°C:

- Plug   
  Socket

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?



Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PM20 – Temperature sensors for plastic and rubber industry

## Cable prolongation (RTD)



### Ordering information

**1. Element type:**

- Pt 100     Pt 500     Pt 1000  
 Other:

**2. Element class:**

- A     B     Other:

**3. Number of elements:**

- x 1     x 2

**4. Wiring configuration:** (number of wires per element)

- 2     3     4

**5. Sheath length L (mm):**
**6. Sheath diameter Ø:** (Ø 1,5mm and Ø2mm only for one element x1)

- 1,5 mm     2 mm     3 mm     4,5 mm     6 mm  
 Other:

**7. Sheath material:**

- AISI304L     AISI316L     Other:

**8. Cable prolongation:**

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

**9. Cable length LC (mm):**
**10. Crimp protection:**

- Spring     Heat shrink sleeve     Without

**Additional:**

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# PM21 – Temperature sensors for plastic and rubber industry

## Miniature connector termination (RTD)



### Ordering information

**1. Element type:**

- Pt 100     Pt 500     Pt 1000  
 Other:

**2. Element class:**

- A     B     Other:

**3. Wiring configuration:** *(number of wires)*

- 2     3

**4. Sheath length L (mm):**
**5. Sheath diameter Ø:**

- 1,5 mm     2 mm     3 mm     4,5 mm     6 mm  
 Other:

**6. Sheath material:**

- AISI304L     AISI316L     Other:

**7. Cable prolongation:**

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

**8. Cable length LC (mm):**
**9. Crimp protection:**

- Spring     Heat shrink sleeve     Without

**10. Connector:**

- Miniature     Miniature     Standard     Standard  
 Other:

**11. Option:**

- Cable clamp     Custom ID label     Without

**Additional:**

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

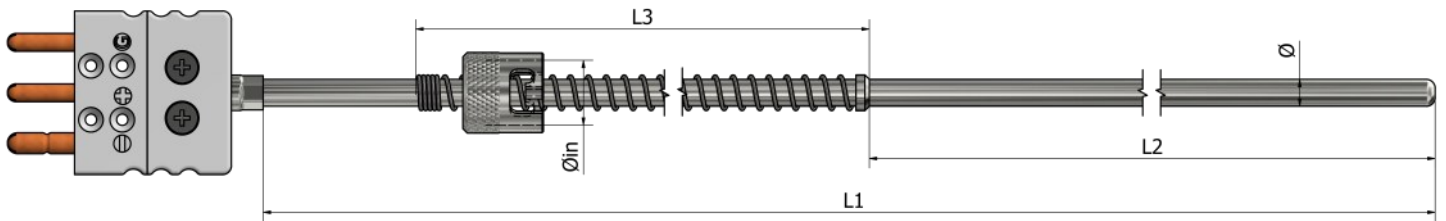
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# PM50 – Temperature sensors for plastic and rubber industry

## Bayonet (RTD)



\*Bayonet cap nickel plated brass

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires)

- 2     3

#### 4. Sheath lengths L1 , L2 , L3 (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

#### 5. Sheath diameter Ø:

- 3 mm     4,5 mm     6 mm  
 Other:

#### 6. Sheath material:

- AISI304L     AISI316L     Other:

#### 7. Bayonet cap Øin (to suit MI RTDs Ø mm):

- 10,3 mm (3 mm)     12,4 mm (4,5 mm)     14,5 mm (6 mm)  
 Other:

#### 8. Connector:

- Miniature     Miniature     Standard     Standard  
 Without     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

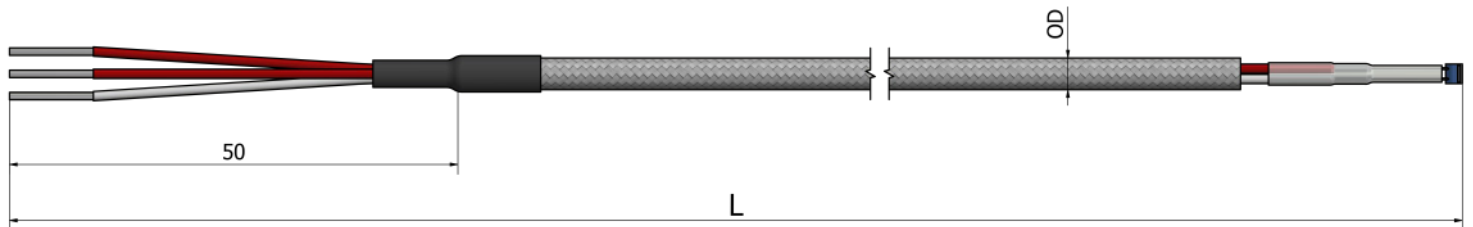
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PC50 – Temperature sensors for plastic and rubber industry

## Fiberglass (fiberglass/fiberglass/braid) (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration (number of wires)

- 2     3     4

#### 4. Wire and cable size:

- 7 x 0,2 (0,22 mm<sup>2</sup>) OD ≈ Ø3,0mm  
 Other:

#### 5. Cable length L (mm):

#### 6. Insulation material:

- Fiberglass     Other:

#### 7. Insulation method:



To the measuring element



Over the measuring element

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

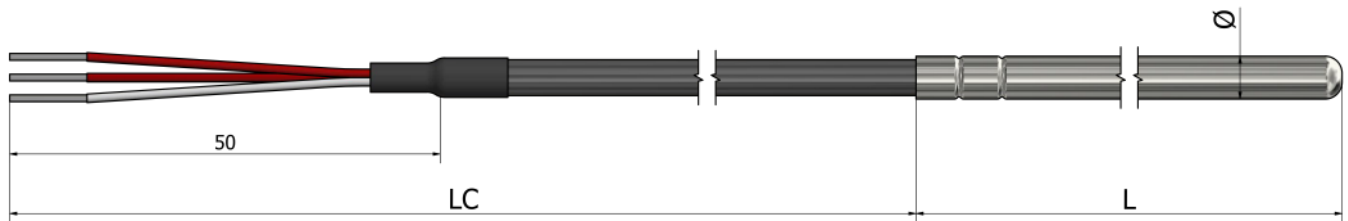


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PT10 – Temperature sensors for plastic and rubber industry

## Standard tube (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Tube dimensions: (Material SS 316L)

- Ø3 x 50 mm     Ø4 x 40 mm     Ø5 x 50 mm  
 Ø6 x 50 mm     Other:

#### 6. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

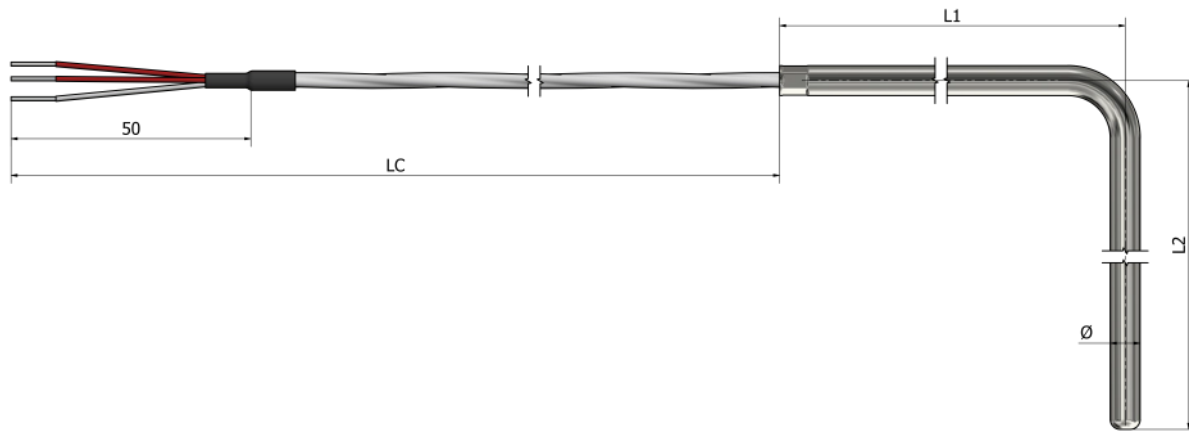
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PT12 – Temperature sensors for plastic and rubber industry

## Standard tube (90° bend) (RTD)



### Ordering information

#### 1. Element type:

- Pt 100   
  Pt 500   
  Pt 1000  
 Other:

#### 2. Element class:

- A   
  B   
  Other:

#### 3. Number of sensor elements:

- x 1   
  x 2

#### 4. Wiring configuration: (number of wires per element)

- 2   
  3   
  4

#### 5. Tube dimension (mm): (Material SS 316L)

L1 \_\_\_\_\_ L2 \_\_\_\_\_ Ø \_\_\_\_\_

#### 6. Cable prolongation:

- PVC (105°C)   
  Silicone (180°C)   
  Teflon (260°C)  
 Fiberglass (400°C)   
  Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring   
  Heat shrink sleeve   
  Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.

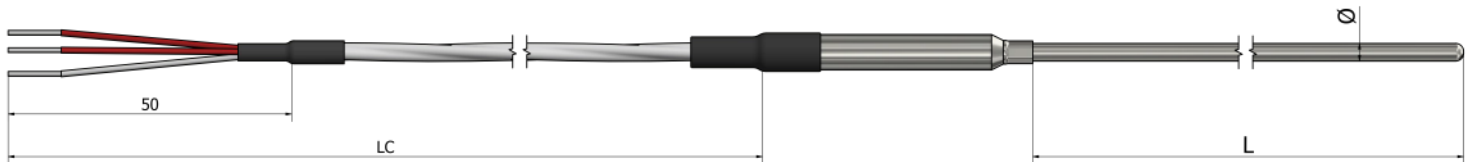






# PT20 – Temperature sensors for plastic and rubber industry

## Pot seal (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Tube dimension (mm): (Material SS 316L)

L \_\_\_\_\_    Ø \_\_\_\_\_

#### 6. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

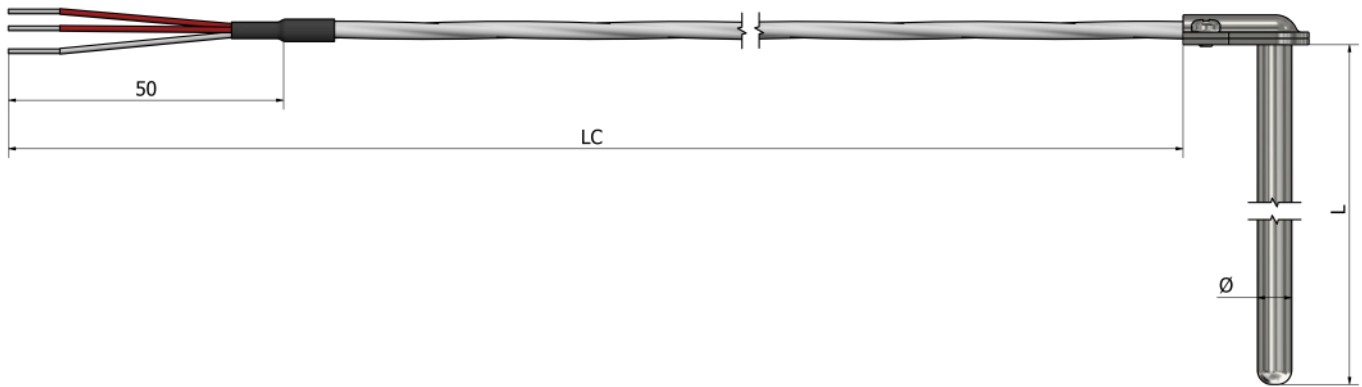
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# PT30 – Temperature sensors for plastic and rubber industry

## Plug-in (Clamp) (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Tube dimension (mm): (Material SS 316L)

L \_\_\_\_\_    Ø \_\_\_\_\_

#### 6. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

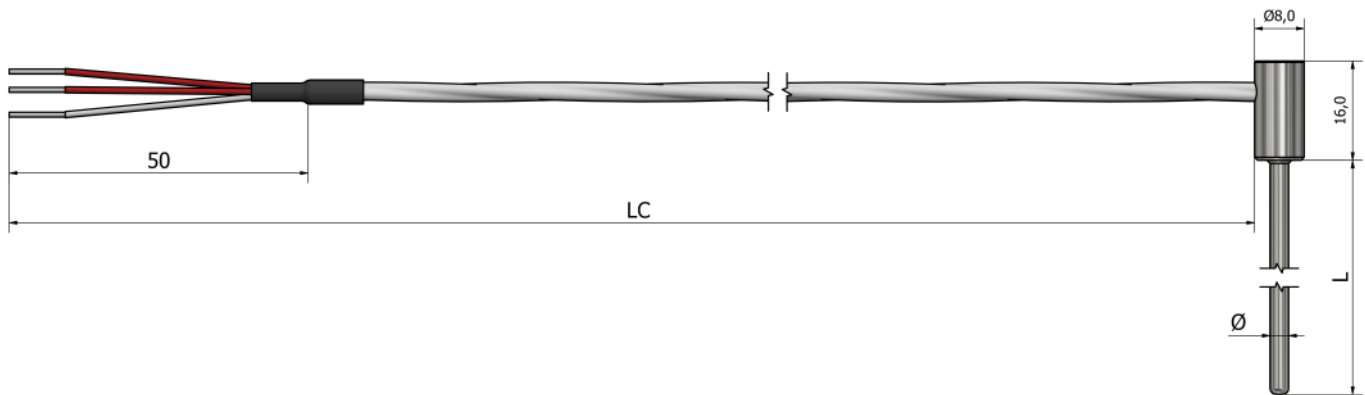
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# PT35 – Temperature sensors for plastic and rubber industry

## Plug-in (Miniature) (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Tube dimension (mm): (Material SS 316L)

L \_\_\_\_\_    Ø \_\_\_\_\_

#### 6. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

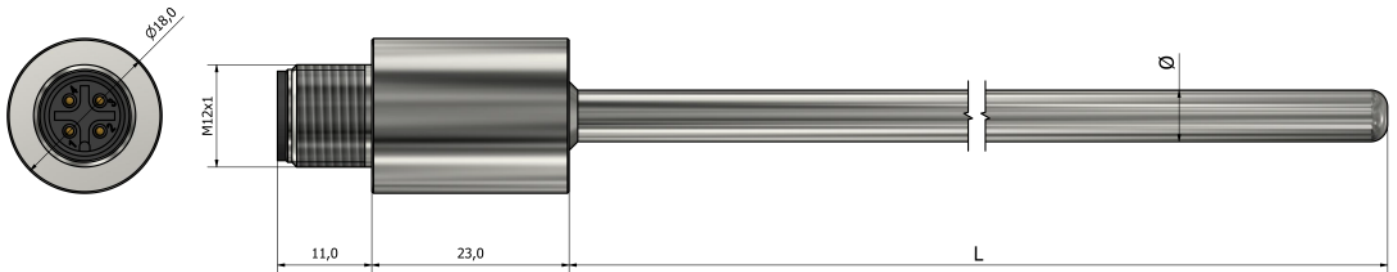
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PT40 – Temperature sensors for plastic and rubber industry

## Integrated M12 connector (RTD)



### Ordering information

#### 1. Element type:

- Pt 100   
  Pt 500   
  Pt 1000  
 Other:

#### 2. Element class:

- A   
  B   
  Other:

#### 3. Number of sensor elements:

- x 1   
  x 2

#### 4. Wiring configuration: (number of wires per element)

- 2   
  3   
  4

#### 5. Tube dimension (mm): (Material SS 316L)

L \_\_\_\_\_    Ø \_\_\_\_\_

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

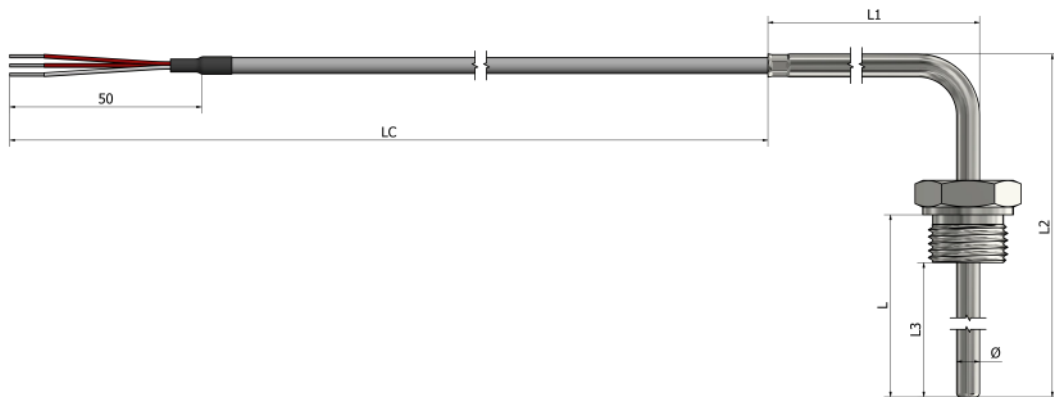


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PR13 – Temperature sensors for plastic and rubber industry

## Fixed thread (90° bend) (Type 1) (RTD)



\*Tube material **SS 316L** \*Thread material **SS (304 / 304L / 316 / 316L)**

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Lengths (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 6. Length L or L3 (mm):

#### 7. Diameter Ø (mm):

#### 8. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 9. Cable length LC (mm):

#### 10. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 11. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

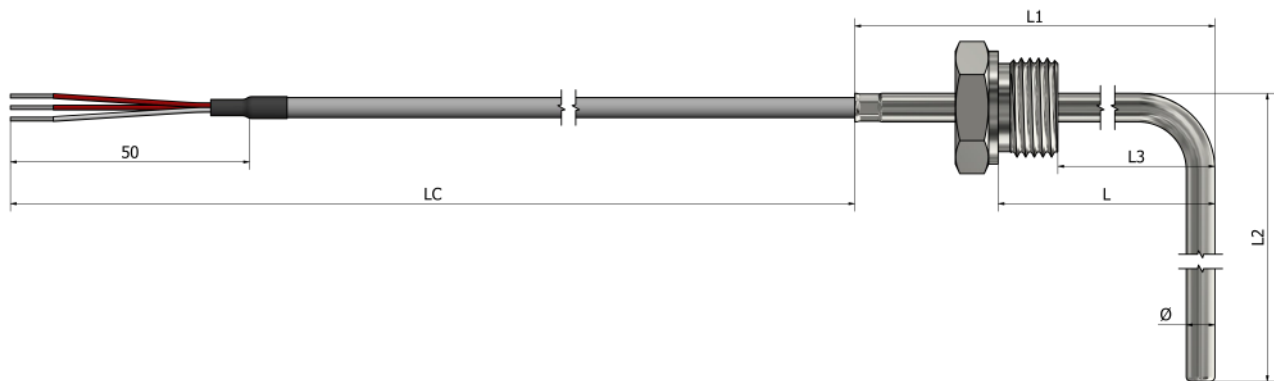


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PR14 – Temperature sensors for plastic and rubber industry

## Fixed thread (90° bend) (Type 2) (RTD)



\*Tube material SS 316L \*Thread material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Lengths (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 6. Length L or L3 (mm):

#### 7. Diameter Ø (mm):

#### 8. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 9. Cable length LC (mm):

#### 10. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 11. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

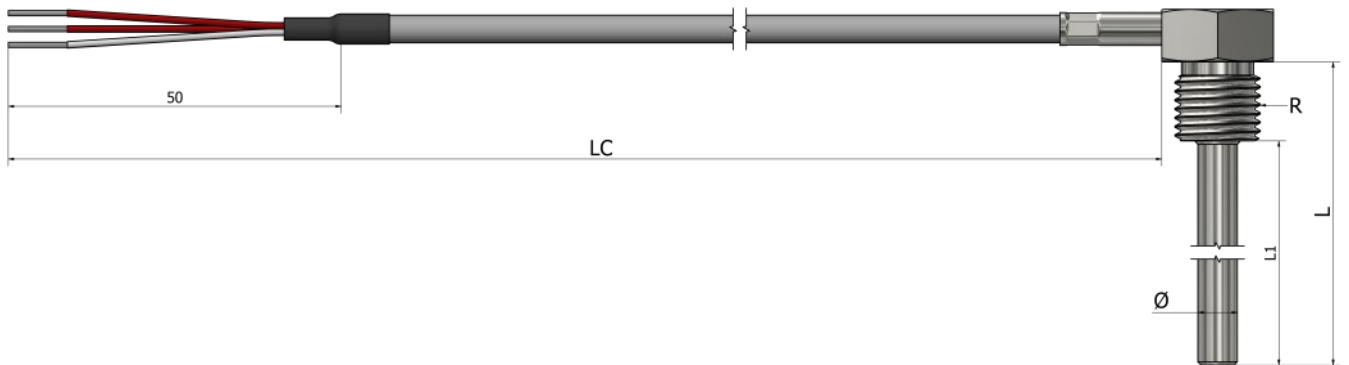


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PR15 – Temperature sensors for plastic and rubber industry

## Fixed thread with 90° cable prolongation (RTD)



\*Tube material SS 316L \*Thread material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Length L or L1 (mm):

#### 6. Diameter Ø (mm):

#### 7. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 8. Cable length LC (mm):

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 10. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

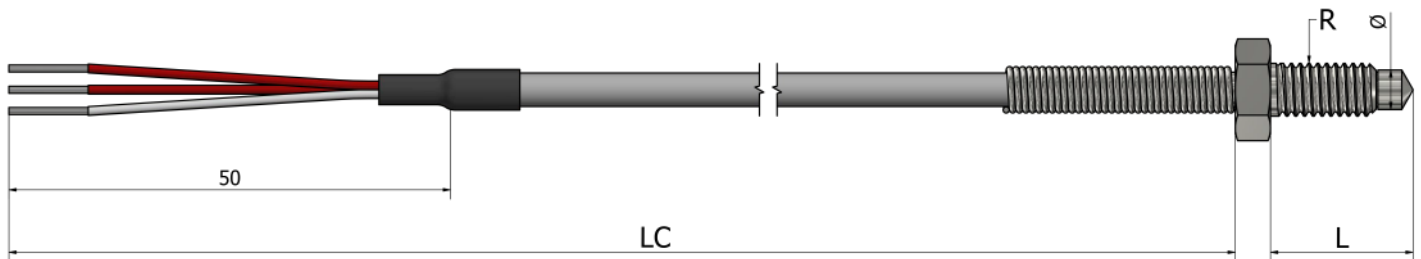
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PR20 – Temperature sensors for plastic and rubber industry

## Nozzle (RTD)



\*Nozzle and thread material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Length L (mm):

#### 6. Diameter Ø (mm):

#### 7. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 8. Cable length LC (mm):

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 10. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.

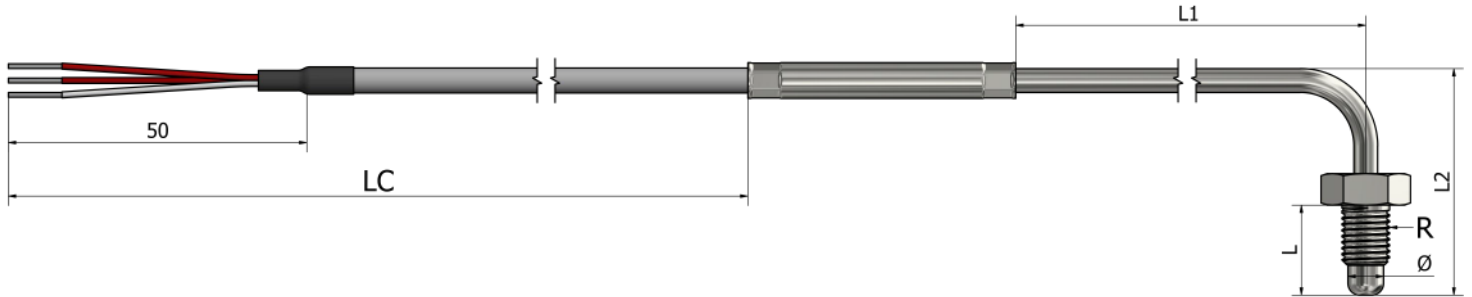






# PR21 – Temperature sensors for plastic and rubber industry

## Nozzle (90° bend) (RTD)



\*Tube material SS 316L \*Nozzle and thread material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Lengths (mm):

L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 6. Length L (mm):

#### 7. Diameter Ø (mm):

#### 8. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 9. Cable length LC (mm):

#### 10. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 11. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

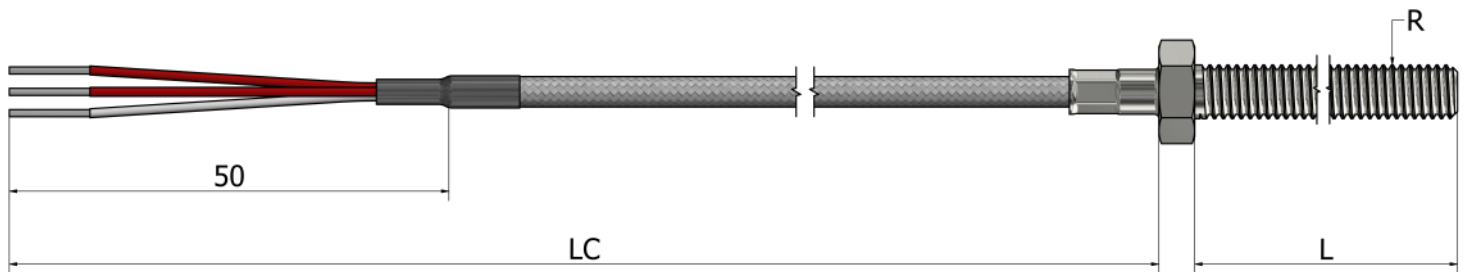
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PR22 – Temperature sensors for plastic and rubber industry

## Bolt (RTD)



\*Bolt material SS (304 / 304L / 316 / 316L)

### Ordering information

#### 1. Element type:

- Pt 100   
  Pt 500   
  Pt 1000  
 Other:

#### 2. Element class:

- A   
  B   
  Other:

#### 3. Number of sensor elements:

- x 1   
  x 2

#### 4. Wiring configuration: (number of wires per element)

- 2   
  3   
  4

#### 5. Length L (mm):

#### 6. Cable prolongation:

- PVC (105°C)   
  Silicone (180°C)   
  Teflon (260°C)  
 Fiberglass (400°C)   
  Other:

#### 7. Cable length LC (mm):

#### 8. Crimp protection:

- Spring   
  Heat shrink sleeve   
  Without

#### 9. Thread:

- 1/2" BSPP   
  1/4" BSPP   
  1/4" BSPT   
  M10  
 1/2" NPT   
  Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

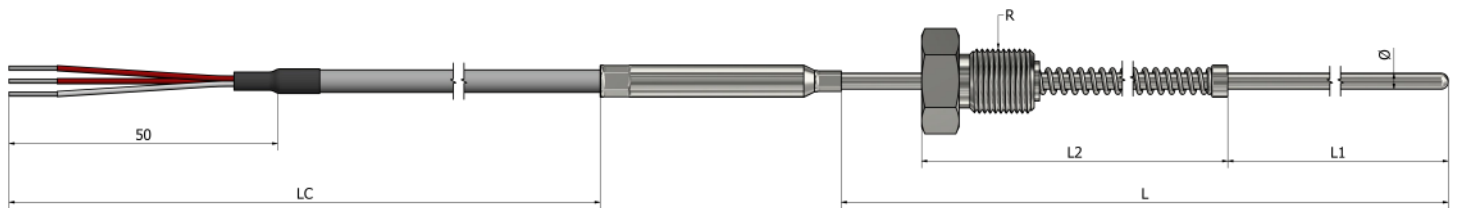
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PR50 – Temperature sensors for plastic and rubber industry

## Thread connection (Spring loaded) (RTD)



\*Tube material **SS 316L** \*Thread material **SS (304 / 304L / 316 / 316L)**

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Number of sensor elements:

- x 1     x 2

#### 4. Wiring configuration: (number of wires per element)

- 2     3     4

#### 5. Lengths (mm):

L \_\_\_\_\_ L1 \_\_\_\_\_ L2 \_\_\_\_\_

#### 6. Diameter Ø (mm):

#### 7. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 8. Cable length LC (mm):

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### 10. Thread:

- 1/2" BSPP     1/4" BSPP     1/4" BSPT     M10  
 1/2" NPT     Other:

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

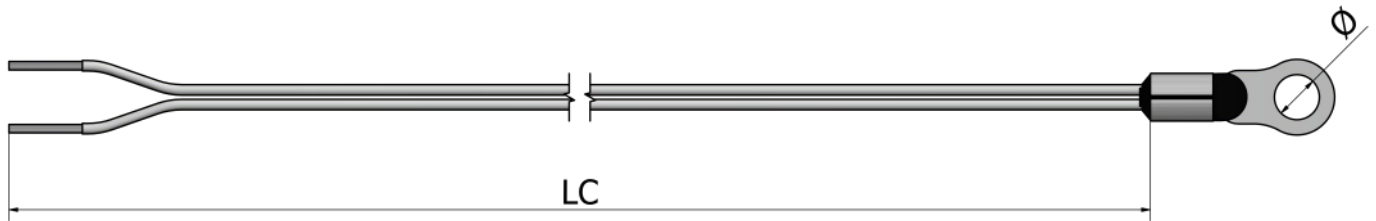
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# PS01 – Temperature sensors for plastic and rubber industry

## Washer mount (RTD)



\*Washer mount material **Tinned copper**

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- Teflon (260°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Hole size Ø (mm):

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

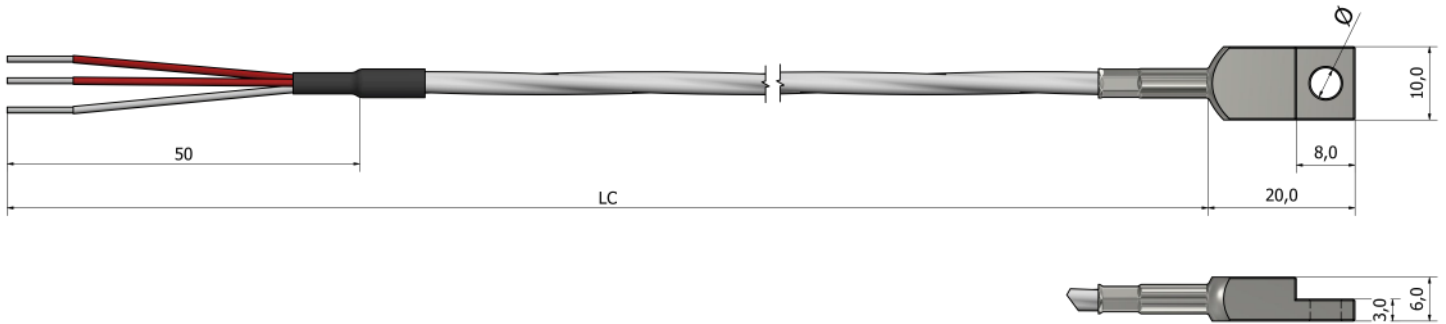


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS02 – Temperature sensors for plastic and rubber industry

## Reinforced washer mount (RTD)



\*Washer mount material **SS 316L**

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Hole diameter $\varnothing$ (mm):

#### 7. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

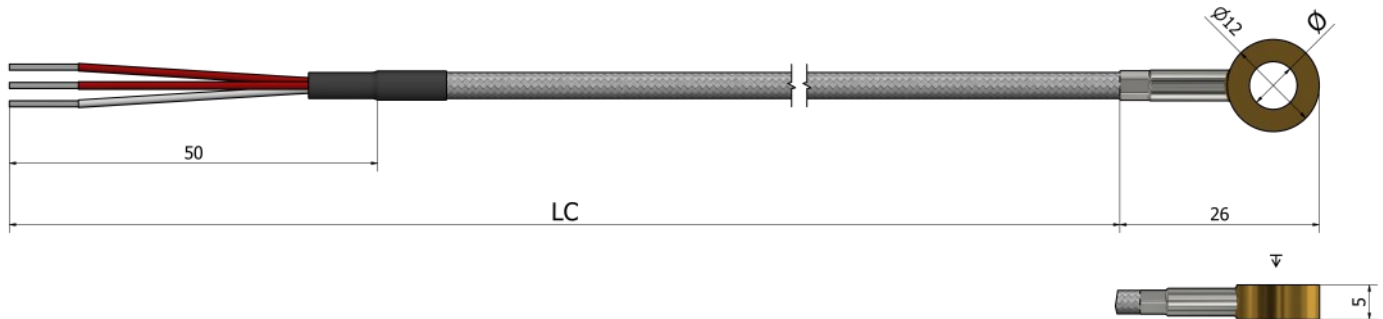
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS03 – Temperature sensors for plastic and rubber industry

## Ring mount (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Ring material:

- Brass     AISI 316L     Other:

#### 7. Ring size:

- M5     M6     Other:

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:

See the part "Accessories"

Quantity:

Note:

### How to order?

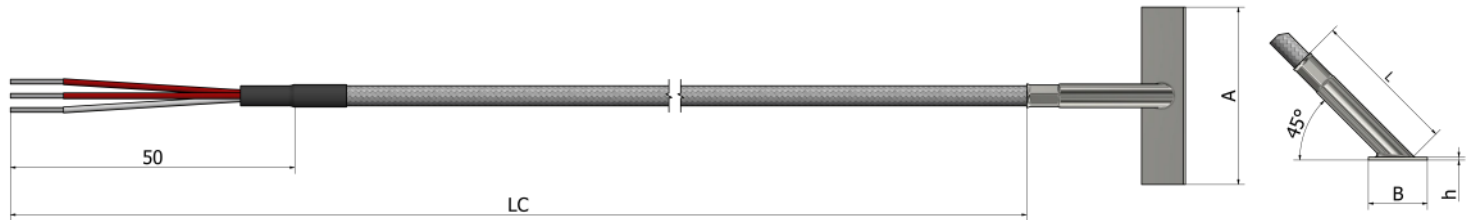


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS11 – Temperature sensors for plastic and rubber industry

## Weld pad (45° angle) (RTD)



\*Weld pad and tube material **SS 316L**

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Tube length L (mm):

#### 7. Pad material:    AISI 316L    Other:

#### 8. Pad dimensions A x B (mm):

- 15 x 10     25 x 10     30 x 10  
 Other:

#### 9. Pad thickness h (mm):    0,5    Other:

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

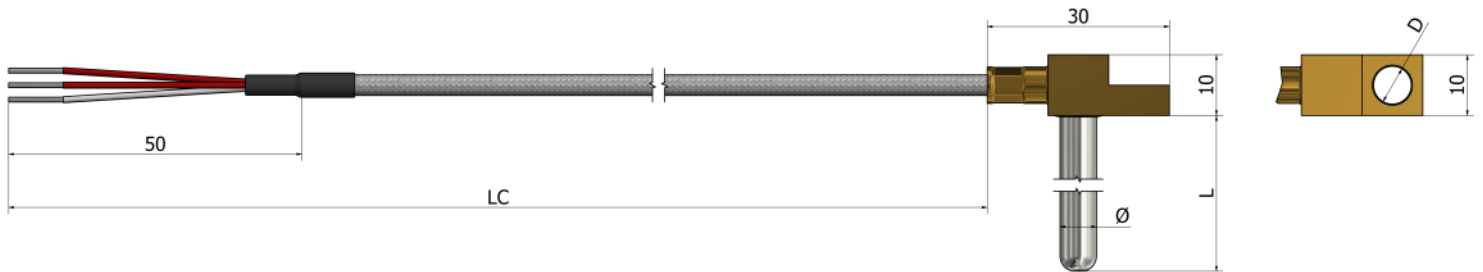
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS20 – Temperature sensors for plastic and rubber industry

## Angle / Plug-in (RTD)



\*Mounting block material **Brass** \*Tube material **SS 316L**

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Hole size Ø D (mm):

#### 7. Insertion diameter Ø (mm):

- 4     5     6     Other:

#### 8. Insertion depth L (mm):

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

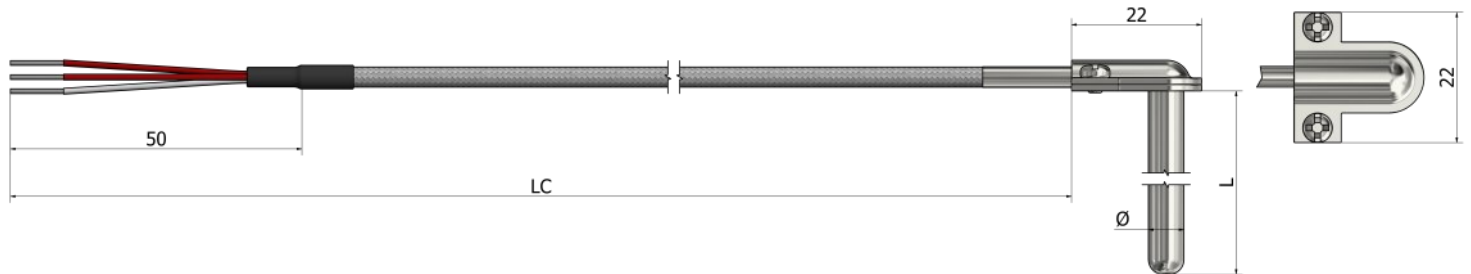
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# PS21 – Temperature sensors for plastic and rubber industry

## Angle / Plug-in (Clamp) (RTD)



\*Clamp material SS 316L \*Tube material SS 316L

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Insertion diameter Ø (mm):

- 4     5     6     Other:

#### 7. Insertion depth L (mm):

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

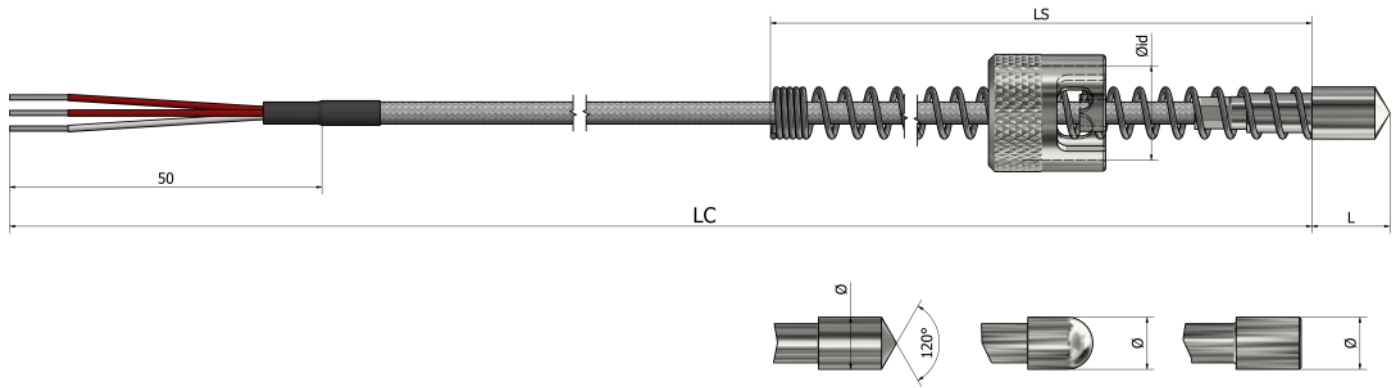
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS30 – Temperature sensors for plastic and rubber industry

## Bayonet (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

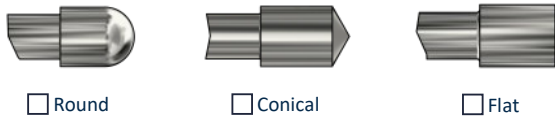
- Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Dimensions $\varnothing \times L$ (mm):

- 5 x 12     6 x 10     8 x 10     Other:

#### 7. Sheath tip: (Material SS 316L)



- Round     Conical     Flat

#### 8. Bayonet cap $\varnothing_{id}$ (mm): (Material Nickel-Plated Brass)

- 10,5     12,5     14,5     Other:

#### 9. Spring length LS (mm):

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

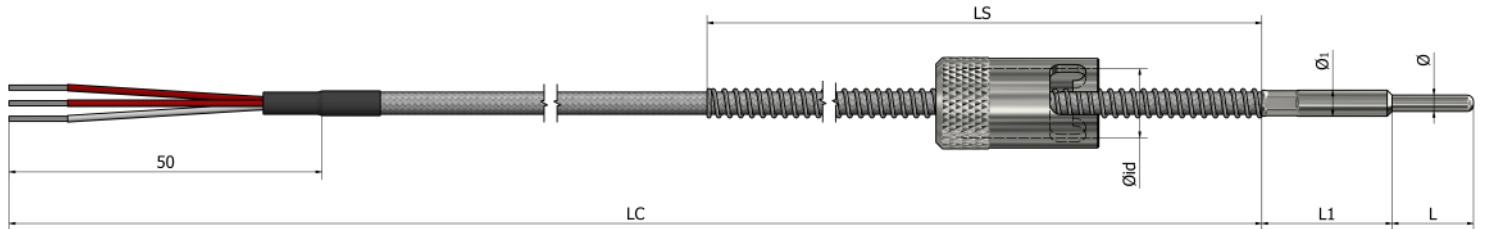
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS31 – Temperature sensors for plastic and rubber industry

## Bayonet with reduced tip (RTD)



\*Tube and tip material **Stainless steel 316L**

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires)

- 2     3     4

#### 4. Cable prolongation:

- Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Dimensions L and Ø (mm):

L \_\_\_\_\_ Ø \_\_\_\_\_

#### 7. Dimensions L1 and Ø1 (mm):

L1 \_\_\_\_\_ Ø1 \_\_\_\_\_

#### 8. Bayonet cap Øid (mm): (material *Nickel-plated brass*)

- 10,5     12,5     14,5     Other:

#### 9. Spring length LS (mm):

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

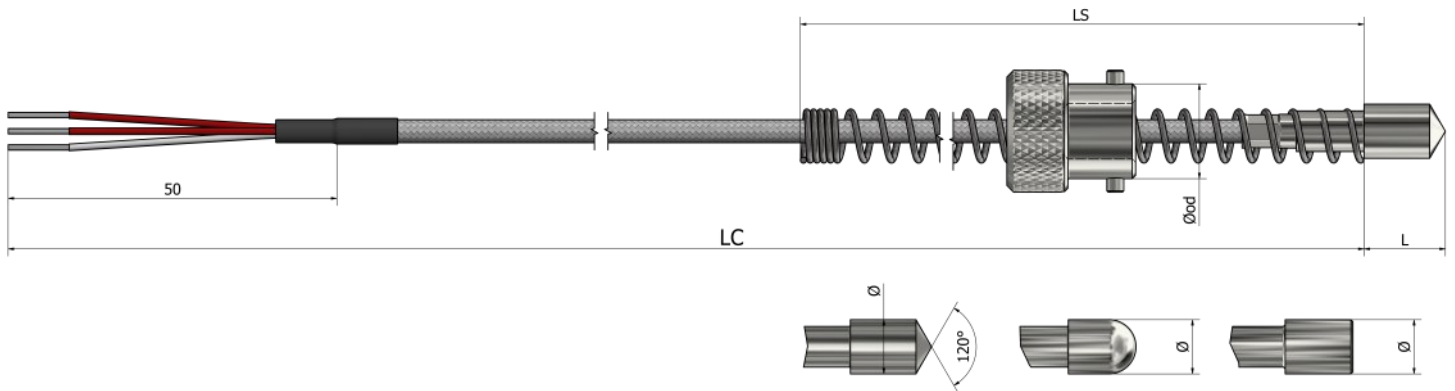
### How to order?

Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS33 – Temperature sensors for plastic and rubber industry

## Bayonet (Reverse) (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Dimensions $\varnothing \times L$ (mm):

- 5 x 12     6 x 10     8 x 10     Other:

#### 7. Sheath tip: (Material SS 316L)



- Round     Conical     Flat

#### 8. Bayonet adapter $\varnothing_{od}$ (mm): (Material Nickel-Plated Brass)

- 10,5     12,5     14,5     Other:

#### 9. Spring length LS (mm):

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

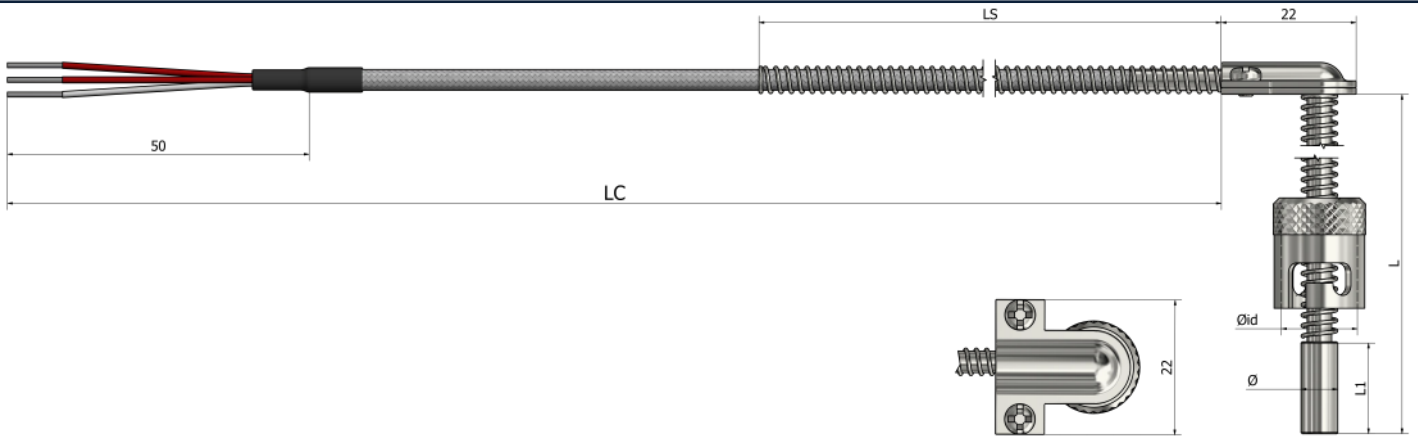
Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.





# PS34 – Temperature sensors for plastic and rubber industry

## Bayonet with clamp (90° angle) (RTD)



### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Cable length L (mm):

#### 7. Dimensions Ø x L1 (mm):

- 5 x 12     6 x 10     8 x 10     Other:

#### 8. Sheath tip: (Material SS 316L)



- Round     Conical     Flat

#### 9. Bayonet cap Øid (mm): (Material Nickel-Plated Brass)

- 10,5     12,5     14,5     Other:

#### 10. Spring length LS (mm):

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

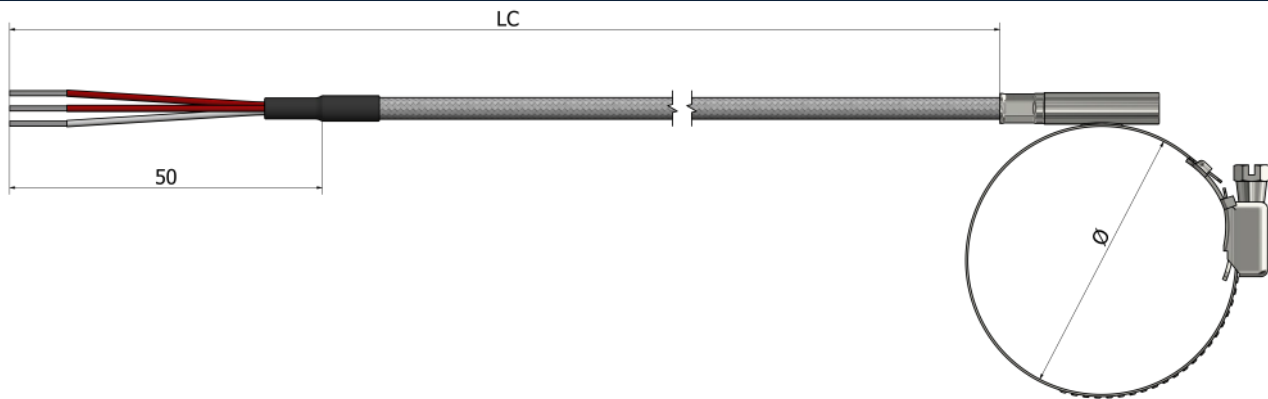


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS41 – Temperature sensors for plastic and rubber industry

## Pipe-Clamp (Type 1) (RTD)



\*Tube and clamp material SS 316L

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

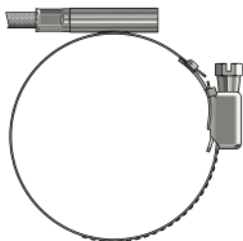
#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Clamp size Ø (mm):

#### 7. Clamp direction:



V1



V2

#### 8. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

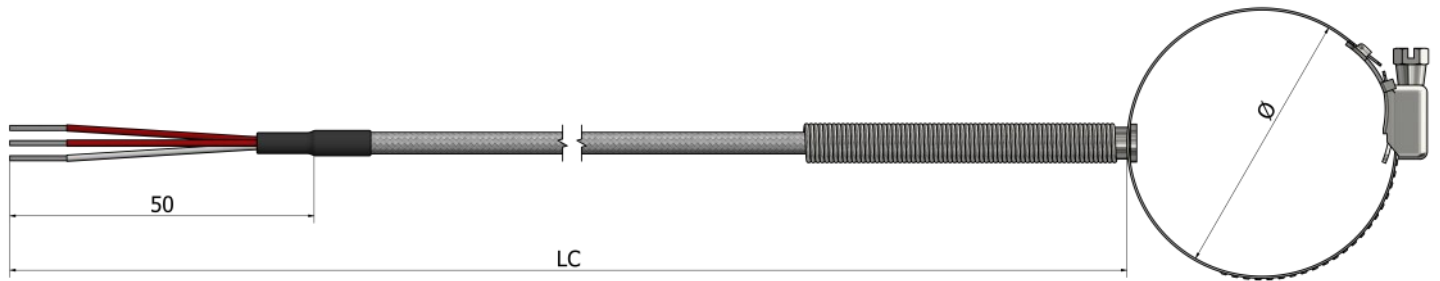


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS42 – Temperature sensors for plastic and rubber industry

## Pipe-Clamp (Type 2) (RTD)



\*Tube and clamp material SS 316L

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Clamp size Ø (mm):

#### 7. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?

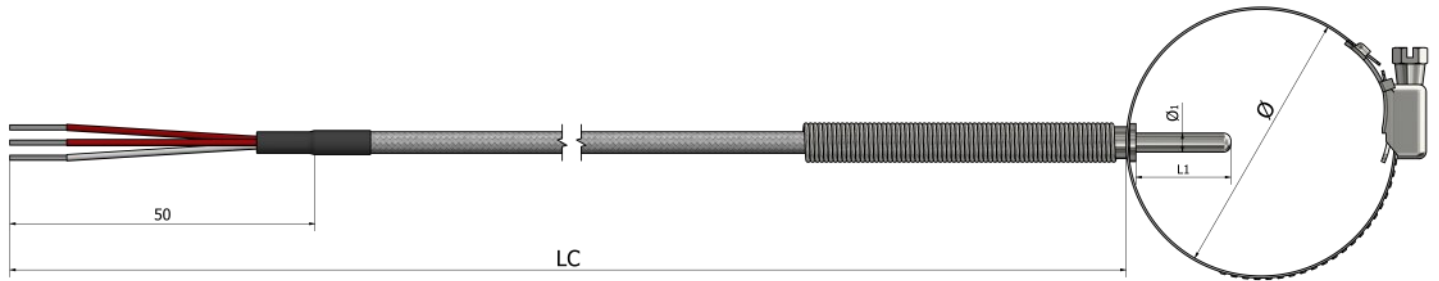


Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.



# PS43 – Temperature sensors for plastic and rubber industry

## Pipe-Clamp (Type 3) (RTD)



\*Clamp material SS 316L \*Tube material SS 316L

### Ordering information

#### 1. Element type:

- Pt 100     Pt 500     Pt 1000  
 Other:

#### 2. Element class:

- A     B     Other:

#### 3. Wiring configuration: (number of wires per element)

- 2     3     4

#### 4. Cable prolongation:

- PVC (105°C)     Silicone (180°C)     Teflon (260°C)  
 Fiberglass (400°C)     Other:

#### 5. Cable length LC (mm):

#### 6. Clamp size Ø (mm):

#### 7. Insertion diameter Ø1 (mm):

- 4     5     6     Other:

#### 8. Insertion depth L1 (mm):

#### 9. Crimp protection:

- Spring     Heat shrink sleeve     Without

#### Additional:

Application:

Operating temperature (min/max):

Type of environment:

Accessories:  
See the part "Accessories"

Quantity:

Note:

### How to order?



Choose the desired characteristics of your sensor by marking the checkboxes and by filling up the text. You can provide sketches, images, personal notes, special requirements or any important data. For additional questions and assistance, feel free to contact us.