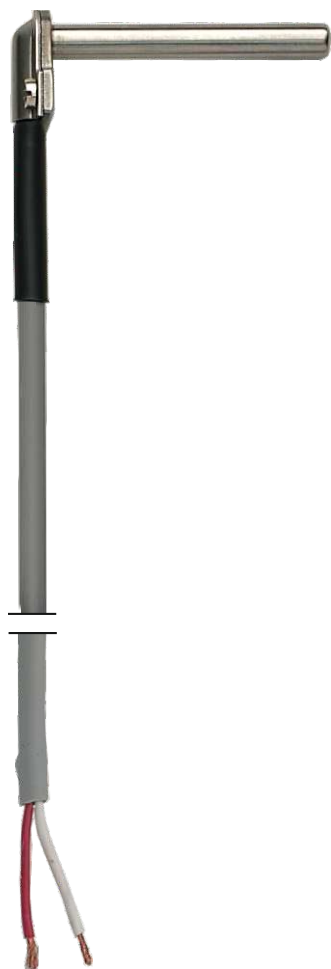


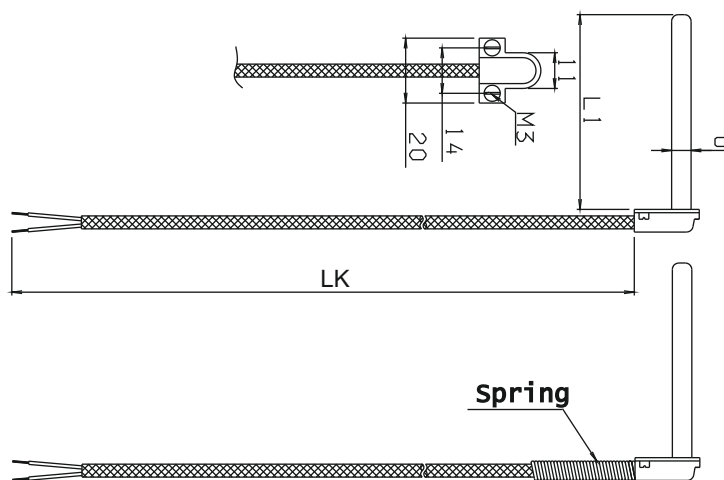


# Resistance thermometer TYPE PV



## Wire sensor

- Type PV is used for measuring of temperatures in machinery, e.g. in connection with bearings. Is often used together with thermo wells for measuring in pipelines and containers, and also in gases. Is used in all places where angle bending of the wire is required. LOW-PRESSURE RANGE.
- The measuring inset is according to IEC 751.
- The protective sheath is standard  $\text{Ø}6 \times 0.5$  mm stainless steel.
- The connecting wire is standard available in PVC and silicone.
- Response time (mean values) measured at velocities in:  
water at 0.4 m/s:  $\tau_{0.5} = 7$  sec.  
air at 3.0 m/s:  $\tau_{0.5} = 24$  sec.
- Recommended measuring current: max. 2 mA.



Ordering: See ordering form on back page



## ORDERING FORM / RESISTANCE THERMOMETER TYPE PV

### Type PV

#### Immers. length/L1/mm

Min. 35 mm -  
max. 100 mm  
Optional length .....

#### Sheath dia./wallth./mm

6×0.5 .....  
8×1 .....

#### Connection

NONE .....  
Flange .....

#### Length/wire/LK/mm

Min. 1000 mm -  
max. 15000 mm  
Optional length .....

#### Junction

NONE .....  
Spring .....

V2.0

#### Wire matr./temp. range

- 1 .... PVC -5/+85°C
- 2 .... Silicone -50/+180°C
- 3 .... Teflon/screen -50/+260°C
- 4 .... Arm. fibreglass -50/+350°C
- 5 .... Arm. teflon -50/+200°C

#### Tolerance class/DIN

- 1 ..... Cl. A :  $\pm 0,15$  °C
- 2 ..... Cl. B :  $\pm 0,3$  °C
- 3 ..... 1/3 DIN :  $\pm 0,1$  °C
- 4 ..... 1/6 DIN :  $\pm 0,05$  °C

#### Resistance in ohms at 0°C

- 1 ..... 100
- 2 ..... 500
- 3 ..... 1000

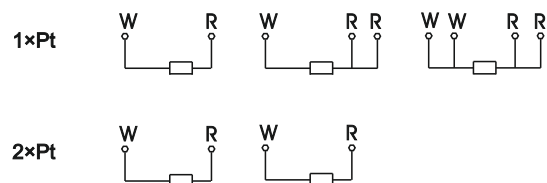
#### Number of elements

- 1 ..... 1×Pt
- 2 ..... 2×Pt (only 2-cond.)

#### Number of conductors

- 0 ..... 2 cond.
- 2 ..... 3 cond.
- 3 ..... 4 cond.
- 4 ..... 4 cond.

### Connection diagram:



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