

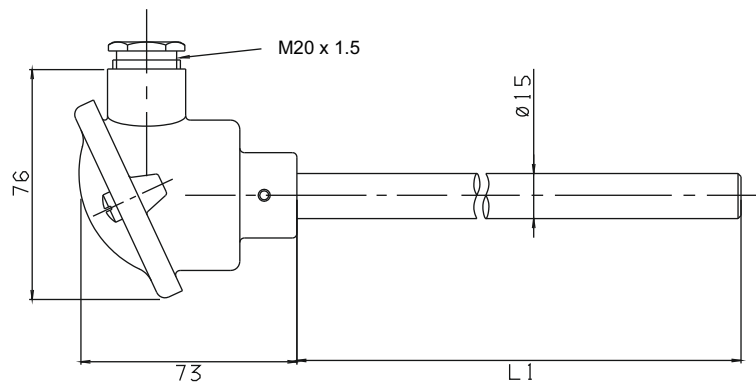


Resistance thermometer **TYPE A**

Straight thermometer and exchangeable insert



- Straight thermometer - form A - DIN 43764 for measurement of temperatures in furnaces, smoke flues and containers - in the LOW-PRESSURE RANGE.
- Removable insert type MI80, DIN 43762, Ø8 mm stainless steel. Sensing element 1×Pt, Cl. B according to EN 60751.
- Protective sheath Ø15 × 3 mm of stainless steel AISI 316L according to DIN 43763.
- Form B connection head of light alloy according to DIN 43729, protection IP 65, cable gland M20 x 1.5.
- Response time (mean values) at velocities in:
water at 0.4 m/s: $\tau_{0.5} = 40$ sec.
air at 3.0 m/s: $\tau_{0.5} = 150$ sec.
- Recommended measuring current: max. 2 mA.



Ordering: See ordering form on back page



ORDERING FORM / RESISTANCE THERMOMETER TYPE A

Type A



V2.1

Imm. length/L1/mm

Min. 300 mm -
max. 2000 mm
Optional length



Temperature range

1 -50 / +260°C
2 -50 / +600°C

Sheath dia./thickn./mm

Ø15×3

1

Tolerance class/DIN

1 Cl. A : ±0.15
2 Cl. B : ±0.3
3 1/3 DIN : ±0.1
4 1/6 DIN : ±0.05

Mounting thread

None
3/4"BSP
1"BSP
Adjustable flange

1
2
3
4

Resistance in Ohms at 0°C

1 100
2 500
3 1000

Number of conductors

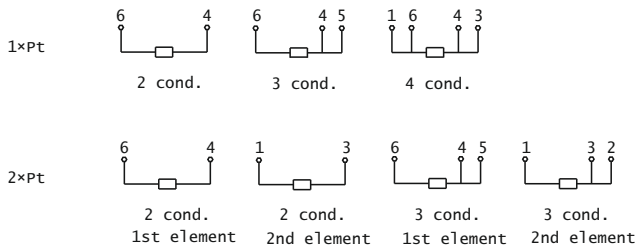
2 cond.
3 cond.
4 cond.
Prepared for 3 cond. transmitter
Prepared for 4 cond. transmitter

2
3
4
1
5
6

Number of elements

1 1xPt
2 2xPt

Connection diagram:



Head office:

Senmatic A/S
Industrivej 8, 5471 Søndersø, Denmark
Phone: +45 64 89 22 11
dk@senmatic.com - www.senmatic.com