TEMPERATURE SENSOR

T-103a

Applications:

Temperature sensor for measurement of blocks surfaces, parts of machinery or other construction elements.

Technical Data

Measuring range	up to 400°C
Resistance element:	Pt100 up to PN-EN 60751+A2
	Pt1000, Pt500
Protection tube material	stainless steel 1H18N9T (1.4541)
Connecting cable	insulation teflon-silicone (standard)
	others
Connection line	2, 3 or 4 wire

Ordering code

T - 103a - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Protection tube dia. d
- ⌀ 4 mm — 4
- others

Sensor diameter d1
- ⌀ 6 mm — 6
- others

Width B
- 8 mm — 8
- others

Cable lenght Lp
- 1,5 m — 1,5
- others

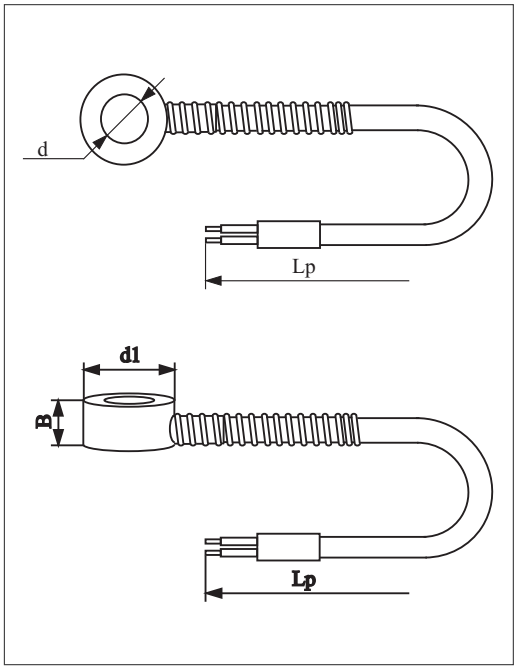
Connection line
- 2-wire, 3-wire, 4-wire — e.g. 2

Tolerance
- class - A,B — e.g. B

Measuring insert
- Pt100,2xPt100, others — e.g.

Connecting cable
- 1 - insulation teflon-overbraid — 1
- 2 - insulation teflon-silicone
- 3 - insulation silikone - silikone
- 4 - insulation PVC
- 5 - insulation teflon-teflon
- 6 - insulation fiberglass x 2 - overbraid

Operating temperature
- 80°C, 200°C, others — e.g. 200°C



Order example:

T-103a-4-6-8-1,5-4-B-Pt100-1-200°C - sensor of protection tube diameter d=4mm, width B = 6mm, length Lp=1,5 m, 2-wire, class B, Pt100, connecting cable insulation teflon-overbraid, operating temperature 200°C.

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