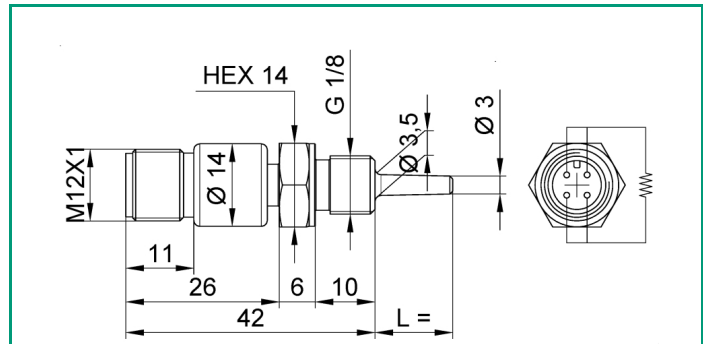


COMPACT THERMORESISTANCE

Compact thermoresistance suitable for temperatures up to 120°C

- Thermoresistance Pt100 ohm
- Single element
- 4 wires
- Overmoulded M12x1 connector
- Protection degree IP67
- Fast response time with short immersion
- Suitable for applications in liquids



TECHNICAL SPECIFICATION

Sensing element	Pt100 Ω @ 0°C
Sensing Element configuration	single 4-wire
Accuracy class in accordance to IEC751 (*) (*) Pt 100 cl.A only available with 3 or 4 wires, cl.AA 4 wires only; Pt 1000 cl. A available with 2 wires only for cable lengths below 1 m, for longer cables only available with 3 or 4 wires, cl. AA 3 wires for cable lengths below 1 m, for longer cables only 4 wires.	cl. A cl. B
Sensing element operating temperature range	-50 ÷ 120°C
Sheath diameter d	Ø 3,5 tapered conic to Ø 3 mm
Response time (*) (*) test in water in accordance with IEC 751. Time taken to reach 63.2% of temperature step	< 3,5 seconds
Sheet material	AISI 316L
Insulation resistance	100 M Ω @ 100 Vdc.
Stem length L	13 mm 24 mm
Type of connector	male 4-pin connector with M12x1 metal screw lock (in accordance with IEC 61076-2-101 STANDARDS)
Connection body material	POLYAMYDE (MOULDED)
Maximum connector temperature	90°C
Fixing system	threaded connection
Process connection (*) (*) Thread STANDARDS (CYL. GAS in accordance with UNI-ISO 228) (CON. GAS in accordance with UNI-ISO 7-1) (NPT in accordance with ANSI B 1.20.1)	1/8" GAS CIL. sec. UNI-ISO 228 M10 x 1
Marking	marked with calibration value at 0 °C, production date and traceability code

TECHNICAL SPECIFICATION

International protection marking (*)
(*) According to IEC 60529

IP67

Maximum working pressure

PN 100 BAR

ORDER CODES

TRC#	P1			X
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Class (According to IEC 751)

B	B
A	A

L = (mm)

13	1
24	2

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WE SENSE
TEMPERATURE