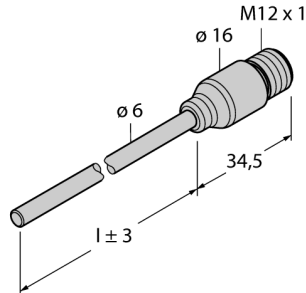
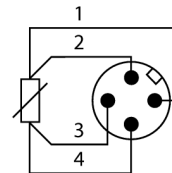


Temperature Detection probe, stainless steel TPS-206A-CF-H1141-L100



- Pt-100 probe acc. to DIN EN 60751
- Vibration and shock-resistant
- Class A for temperatures < 350 °C
- Class B for temperatures > 350 °C
- Can be connected to TS, TTM, IM34, BL20, BL67 and excom
- Max. temperature connector: 120°C
- 4-wire connection technology
- Process connection via compression fitting or thermowell.

Wiring Diagram



General description

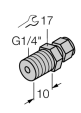
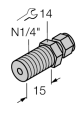
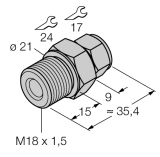
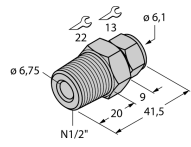
Resistance thermometers are used everywhere where temperatures must be captured and monitored for the control and optimization of processes.

Typical applications are process plants, manufacturing facilities and units, as well as air-conditioning systems. The core element of the temperature transmitters is a Pt 100 measuring resistor in 4-wire technology.

Type designation	TPS-206A-CF-H1141-L100
Ident-No.	9910638
Ident. no.	9910638
Temperature range	
Measuring range	-50...500 °C
Temperature operating range	-58...932 °F
Accuracy	0.15 °C + 0.002 · t (-30 ...350 °C)
Self-heating	0.4 K/mW at 0 °C
Measuring element	Pt-100 probe, DIN EN 60751, class A
Response time	t 0.5 = 6 s / t 0.9 = 15 s in water at 0.2 m/s
Immersion depth (L)	100 mm
Protection type and class	IP67
Ambient conditions	
Ambient temperature	-40...+85 °C
Storage temperature	-40...+85 °C
Housing	
Housing material	Stainless steel, V4A (1.4404)
Sensor material	Stainless steel, V4A (1.4404)
Process connection	For compression fittings, thermowell or direct mounting
Electrical connection	Connector, M12 × 1
Process Pressure	100 bar
Reference conditions acc. to IEC 61298-1	
Temperature	15...+25 °C
Atmospheric pressure	860...1060 hPa abs.
Humidity	45...75 % rel.
Auxiliary power	24 VDC

**Temperature Detection
probe, stainless steel
TPS-206A-CF-H1141-L100**

Accessories

Type code	Ident-No.	Description	Dimension drawing
CF-M-6-G1/4-A4	9910483	Compression fitting for direct mounting of temperature sensors; sensor diameter 6 mm; process connection G1/4" male thread	
CF-M-6-N1/4-A4	9910484	Compression fitting for direct mounting of temperature sensors; sensor diameter 6 mm; process connection 1/4" NPT male thread	
CF-M-6-M18-A4	9910525	Compression fitting for direct mounting of temperature sensors; sensor diameter 6 mm; process connection M18 x 1 male thread	
CF-M-6-N1/2-A4	9910529	Compression fitting for direct mounting of temperature sensors; sensor diameter 6 mm; process connection 1/2" NPT male thread	
CF-M-6-G1/2-A4	9910530	Compression fitting for direct mounting of temperature sensors; sensor diameter 6 mm; process connection G1/2" male thread	