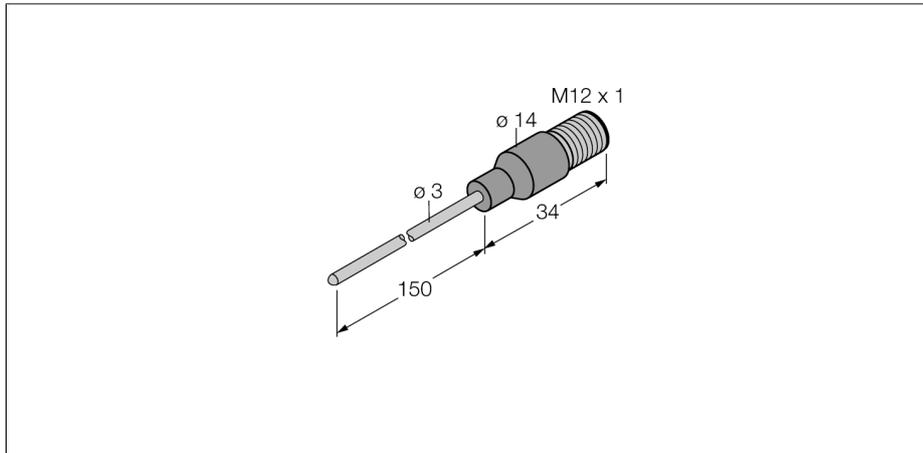
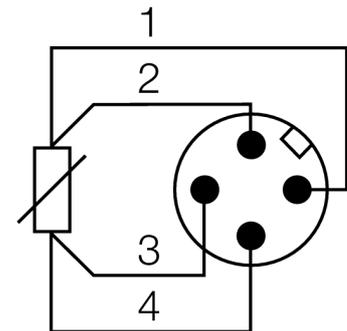


**Temperature measurement
Probe
TP-203A-CF-H1141-L150**



- Pt-100 probe acc. to DIN EN 60751
- Vibration and shock-resistant
- Connectable to TS, TT and TC series as well as IM34, BL20 and BL67
- Temperature range -50...500 °C
- 4-wire technology

Wiring diagram



General description

Resistance thermometers come into operation when temperatures must be measured and monitored to control and optimize processes.

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

Type	TP-203A-CF-H1141-L150
Ident-No.	9910403
Temperature operating range	
Ambient temperature	-50...500 °C
Storage temperature	-40...+120 °C
Measuring element	Pt-100 platinum measuring element, DIN EN 60751
Accuracy	Class A
Response time	t0.5 = 1.5 s/ t0.9 = 6.0 s in water at @ 0.2 m/s
Immersion depth	150 mm
Reverse polarity protection	yes
Protection class	
MTTF	IP67 2283years acc. to SN 29500 (Ed. 99) 40 °C
Housing material	
Sensor material	Stainless-steel/plastic, V4A (1.4404)
Pressure resistance	stainless steel, AISI 316L
Connection	100 bar
Mechanical connection	connector, M12 x 1 for compression ferrule fittings, protective tubing or direct mounting

**Temperature measurement
Probe
TP-203A-CF-H1141-L150**

Accessories

Type code	Ident-No.	Short text	Dimension drawing
CF-M-3-G1/8-A4	9910405	Compression ferrule fittings for direct mounting of temperature probes	
CF-M-3-N1/8-A4	9910406	Compression ferrule fittings for direct mounting of temperature probes	
CF-M-3-G1/4-A4	9910407	Compression ferrule fittings for direct mounting of temperature probes	
CF-M-3-N1/4-A4	9910408	Compression ferrule fittings for direct mounting of temperature probes	