

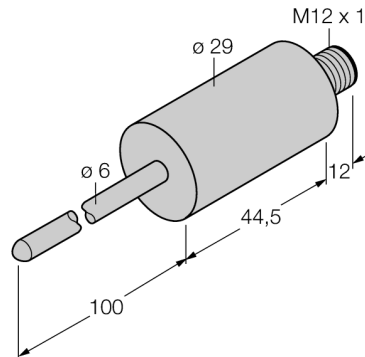
Temperature measurement

Transmitter with integrated probe

TT-206A-CF-LI6-H1140-L0100

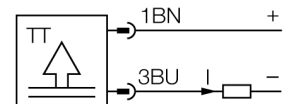
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Industrial
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- Factory setting 0...150 °C
- Analog output 4...20 mA
- Temperature range 0...150 °C

Wiring diagram



General description

Apart from the TT-100 we have equipped all other transmitters of the TT series with a probe.

Please observe the restricted temperature range applying to transmitters with integrated probe.

Analog output signal, 2-wire technology, 4...20mA.

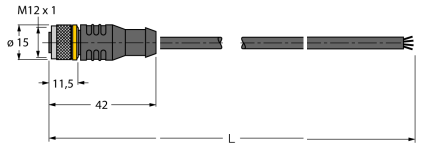
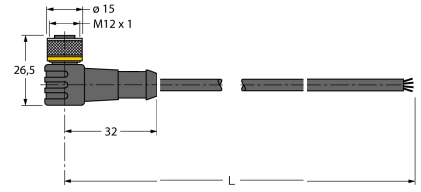
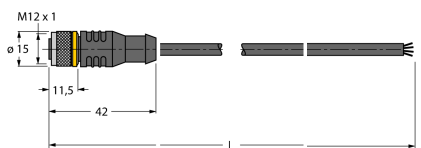
Type code	TT-206A-CF-LI6-H1140-L0100
Ident no.	9910489
Temperature operating range	0...150 °C
Measuring element	Pt-100 platinum measuring element, DIN EN 60751
Accuracy	Class A
Immersion depth (L)	100 mm
Power supply	
Operating voltage	8...35VDC
No-load current I ₀	≤ 20 mA
Short-circuit/reverse polarity protection	yes/ yes
Protection type and class	IP67
Output 1	analog output
Analogue output	
Current output	4...20mA
Operating range	4...20 mA (2-wire)
Load	≤ 1.2 kΩ
Accuracy (Lin. + Hys. + Rep.)	± 0.2 K
Temperature behaviour	
Temperature coefficient zero point T ₀	± 0.1 % of full scale / 10 K
Temperature coefficient span T _{KS}	± 0.1 % of full scale / 10 K
Ambient conditions	
Ambient temperature	-40 ... 85 °C
Storage temperature	-40...+85°C
Pressure resistance	100 bar
Housing	
Housing material	Stainless steel, V4A 1.4401 (AISI 316)
Sensor material	stainless steel, AISI 316
Mechanical connection	for compression ferrule fittings, protective tubing or direct mounting
Connection	male, M12 x 1
Pressure resistance	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 measurement
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Wiring accessories

Type code	Ident no.	Description	Dimension drawing
RKC4.4T-2/TEL	6625013	Connection cable, female M12, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	
WKC4.4T-2/TEL	6625025	Connection cable, female M12, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	
RKC4.4T-2/TXL	6625503	Connection cable, female M12, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	
WKC4.4T-2/TXL	6625515	Connection cable, female M12, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	