

TURCK

Industrial Automation

TEMPERATURE TRANSMITTERS

MINIATURE SERIES TTM



Compact temperature measurement in extreme ambients

The miniature series TTM for temperature measurements in the smallest space offers sensors with integrated processing electronics and Pt1000 measuring element. Being only 25 mm longer and 1.5 mm wider than a standard M12 x 1 connector, the fully encapsulated TTMs provide an output signal of 4...20 mA in 2-wire technology.

Despite the compact design, the user still profits from the usual flexibility. The probe length is selectable: In addition to standard probes with diameters of 3 mm and 6 mm and in lengths of 100 mm and 150 mm, TURCK offers a probe with G1/8" male thread in lengths of 13 mm and 24 mm.

Depending on the type, the transmitters are made for temperature ranges of -50...+50°C, 0...+100°C, 0...+150°C and -50...+150°C, (customized solutions on request).

TURCK meets the increasing demands of customers with the IP67 rated TTM series, asking more and more for compact sensors that withstand extreme ambient conditions.



TTM-206A

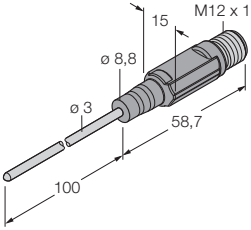
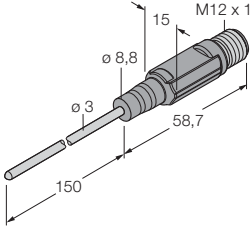
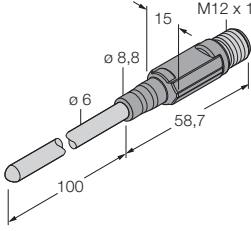
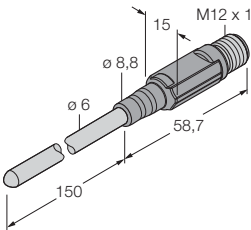
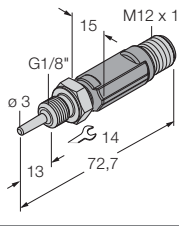
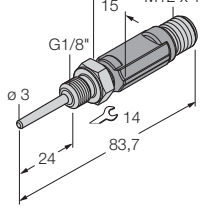
TTM-203A

TTM-103A

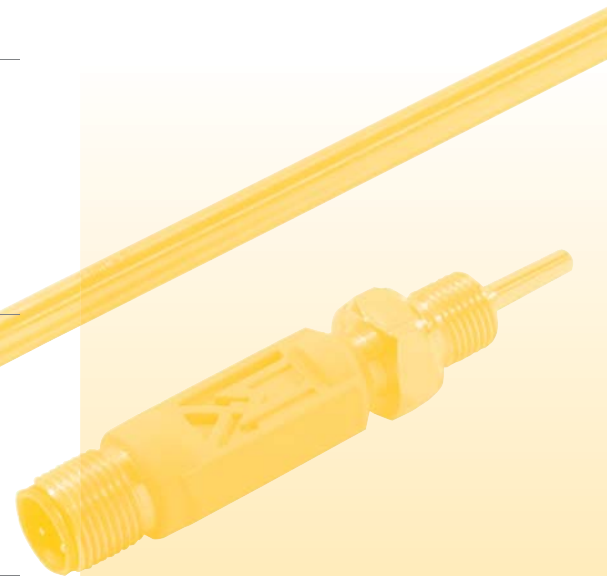
Sense it! Connect it! Bus it! Solve it!

Temperature transmitters TTM

Industrial Automation

Dimension drawing	Type code	Temp. range
 <p>Technical drawing of a temperature transmitter with a total length of 100 mm. The sensor tip has a diameter of 3 mm (ø3) and a length of 15 mm. The main body has a diameter of 8.8 mm (ø8,8) and a length of 58.7 mm. The mounting thread is M12 x 1.</p>	TTM100C-203A-CF-LI6-H1140-L100	0...100 °C
	TTM150C-203A-CF-LI6-H1140-L100	0...150 °C
	TTM150C-203A-CF-LI6-H1140-L100-50...150°C	-50...150 °C
	TTM050C-203A-CF-LI6-H1140-L100-50...50°C	-50...50 °C
 <p>Technical drawing of a temperature transmitter with a total length of 150 mm. The sensor tip has a diameter of 3 mm (ø3) and a length of 15 mm. The main body has a diameter of 8.8 mm (ø8,8) and a length of 58.7 mm. The mounting thread is M12 x 1.</p>	TTM100C-203A-CF-LI6-H1140-L150	0...100 °C
	TTM150C-203A-CF-LI6-H1140-L150	0...150 °C
	TTM150C-203A-CF-LI6-H1140-L150-50...150°C	-50...150 °C
	TTM050C-203A-CF-LI6-H1140-L150-50...50°C	-50...50 °C
 <p>Technical drawing of a temperature transmitter with a total length of 100 mm. The sensor tip has a diameter of 6 mm (ø6) and a length of 15 mm. The main body has a diameter of 8.8 mm (ø8,8) and a length of 58.7 mm. The mounting thread is M12 x 1.</p>	TTM100C-206A-CF-LI6-H1140-L100	0...100 °C
	TTM150C-206A-CF-LI6-H1140-L100	0...150 °C
	TTM150C-206A-CF-LI6-H1140-L100-50...150°C	-50...150 °C
	TTM050C-206A-CF-LI6-H1140-L100-50...50°C	-50...50 °C
 <p>Technical drawing of a temperature transmitter with a total length of 150 mm. The sensor tip has a diameter of 6 mm (ø6) and a length of 15 mm. The main body has a diameter of 8.8 mm (ø8,8) and a length of 58.7 mm. The mounting thread is M12 x 1.</p>	TTM100C-206A-CF-LI6-H1140-L150	0...100 °C
	TTM150C-206A-CF-LI6-H1140-L150	0...150 °C
	TTM150C-206A-CF-LI6-H1140-L150-50...150°C	-50...150 °C
	TTM050C-206A-CF-LI6-H1140-L150-50...50°C	-50...50 °C
 <p>Technical drawing of a temperature transmitter with a total length of 72.7 mm. The sensor tip has a diameter of 3 mm (ø3) and a length of 15 mm. The main body has a diameter of 14 mm and a length of 13 mm. The mounting thread is G1/8".</p>	TTM100C-103A-G1/8-LI6-H1140-L013	0...100 °C
	TTM050C-103A-G1/8-LI6-H1140-L013-50...50°C	-50...50 °C
 <p>Technical drawing of a temperature transmitter with a total length of 83.7 mm. The sensor tip has a diameter of 3 mm (ø3) and a length of 15 mm. The main body has a diameter of 14 mm and a length of 24 mm. The mounting thread is G1/8".</p>	TTM100C-103A-G1/8-LI6-H1140-L024	0...100 °C
	TTM050C-103A-G1/8-LI6-H1140-L024-50...50°C	-50...50 °C

Process connection via clamping ring, thermowell or G1/8" male thread



www.turck.com

Hans Turck GmbH & Co. KG
Witzlebenstraße 7
45472 Mülheim an der Ruhr
Germany
Tel. +49 (0) 208 4952-0
Fax +49 (0) 208 4952-264
E-Mail more@turck.com
Internet www.turck.com