

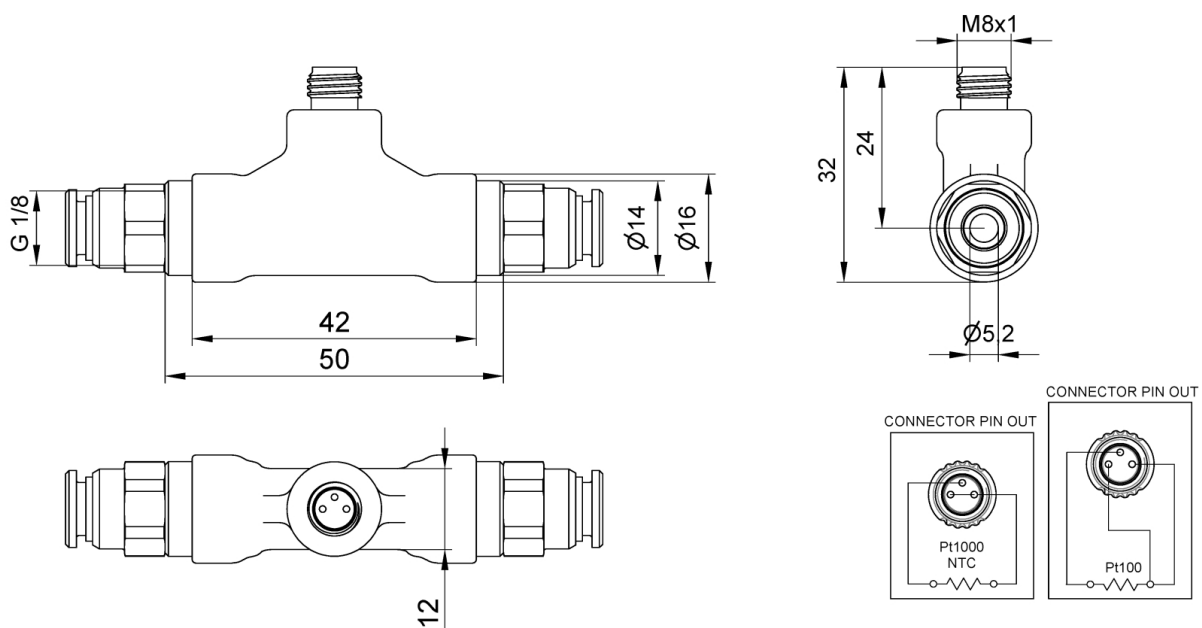
TBT18G

Rev. 0 - 16/05/2024

TEMPERATURE PROBE FOR IN-LINE FLUIDS MEASUREMENT

Allows the fluid temperature to be measured without intruding into the tube

- Pt100, Pt1000 or NTC thermistor sensing element
- internal stainless steel body, external part in thermoplastic material
- G1/8" process connection (suitable for tubes $\varnothing 4$ - $\varnothing 6$ - $\varnothing 8$ mm)
- M8x1 electrical connection
- IP 67 protection degree



TECHNICAL SPECIFICATION

Sensing element	NTC R(25°C)=10Kohm ±1%, beta(25/85)=3977, Sensing Element configuration single 2-wire NTC R(25°C)=10Kohm ±1%, beta(25/85)=3435, Sensing Element configuration single 2-wire Pt100 Ω @ 0°C, Sensing Element configuration single 3-wire Pt1000 Ω @ 0°C, Sensing Element configuration single 3-wire
Accuracy class in accordance to IEC751 (*) (*) The accuracy class is valid only in the temperature range indicated by the norm	cl. B
Insulation resistance	100 M Ω @ 250 Vdc.
Response time (*) (*) test in water in accordance with IEC 751. Time taken to reach 63.2% of temperature step	< 1 seconds
Sensing element operating temperature range	-40 ÷120°C
Maximum working pressure (*) (*) unless otherwise specified, it refers to room temperature	PN 20 BAR
Female reduction for process connection	- 1/8" GAS CIL. Female
Sheet material	THERMOPLASTIC WITH ADDED FIBREGLASS INOX
International protection marking (*) (*) According to IEC 60529	IP67