

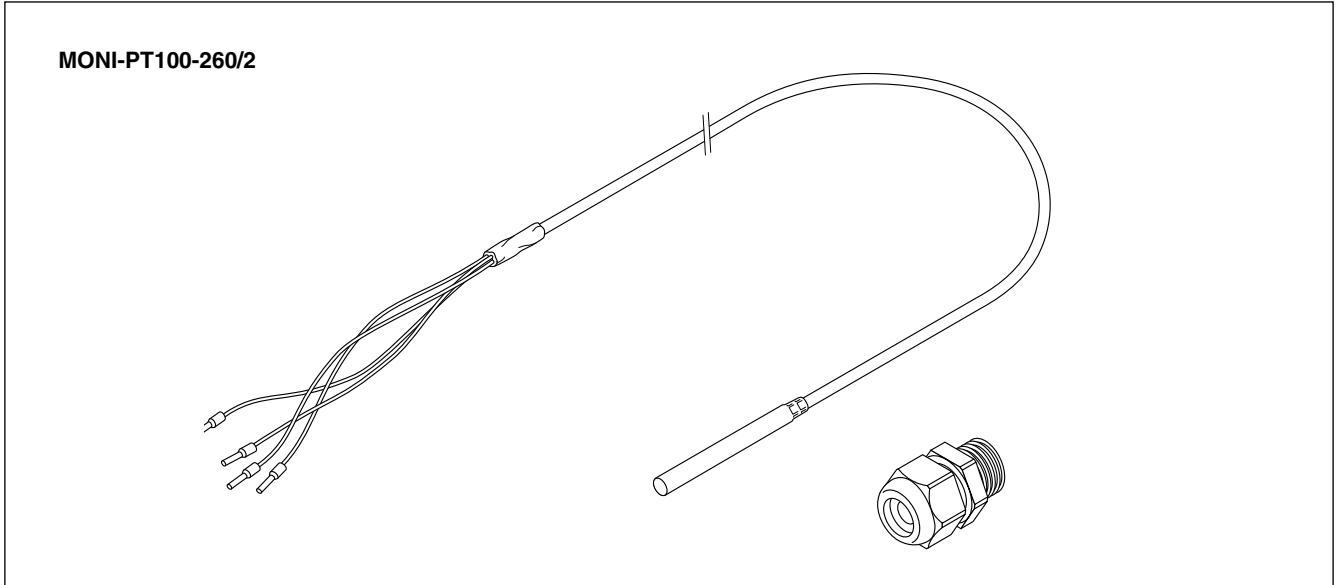
Temperature sensor with M16 gland

Product Overview

MONI-PT100-260/2 temperature sensor is designed for providing accurate temperature measurements.

The MONI-PT100-260/2 sensor exhibits excellent mechanical, electrical and thermal properties what makes the sensor extremely useful for a broad range

of applications. The sensor can be connected to the control device using 3-wire technology for providing highest accuracy and measuring stability.



Area of use	MONI-PT100-260/2 Non hazardous area or hazardous area Zone 1, Zone 21 or Zone 2, Zone 22 when connected to intrinsic safe circuits
Type	Pt 100 (3 wire) DIN IEC 751, Class B
Jacket / Sheath Material	Extension cable PTFE (Fluopolymer) Measuring tip stainless steel (316 Ti)
Cable construction	Braided
Measuring range	-50°C to 260°C
Maximum exposure temp. tip	400°C
Length	Total sensor length 2 m (other lengths are available on request) Length of the measuring tip ca 50 mm
Nominal Diameter (OD)	Diameter of the sensor cable 4.8 mm Diameter of the tip 6 mm.
Conductors	4 x 0.5 mm ² (Red, Red, White and braid) PTFE insulated
Minimum bending radius	Sensor cable minimum 20 mm, The measuring tip should not be bent
Cable gland	MONI-PT100-260/2
Approvals	II 2GD EEx e II PTB 05 ATEX 1068 X
Thread size (color)	M16 (Black)
Material	Polyamide (PA) Halogen-free
Temperature range	-40°C to +75°C
Cable acceptance size	Suitable for cables from 4 to 9 mm diameter
Part number sensor kit	1244-006615

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