

# MONI-PT100-260/2

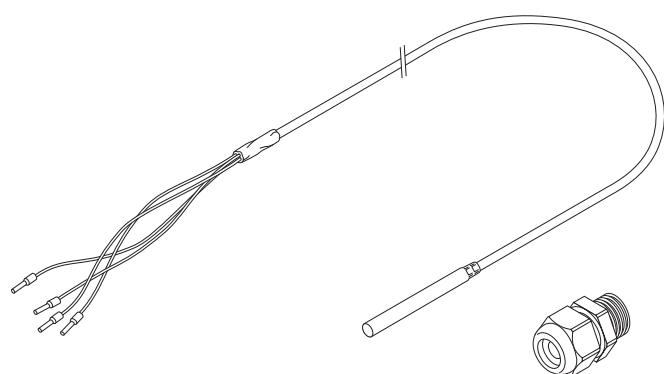


RAYCHEM

CONNECT AND PROTECT

## Temperature sensor with M16 gland

### PRODUCT OVERVIEW



nVent RAYCHEM 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.

### PRODUCT SPECIFICATIONS

#### Sensor

Type	Pt 100 (3 wire) DIN IEC 751, Class B
Jacket/Sheath Material	Extension cable PTFE (Fluoropolymer) 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 <sup>2</sup> (Red, Red, White and braid) PTFE insulated
Minimum bending radius	Sensor cable minimum 20 mm, the measuring tip should not be bent

#### Cable gland

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

## APPROVALS

For use in ordinary area.

For hazardous area only use in combination with Is barriers.

Cable gland: for use in ordinary and potentially hazardous area Zone 1 and Zone 2 (Gas), Zone 21 and Zone 22 (Dust)

### Temperature classification

Temperature classification is defined by the complete system.

### Product certification



More details about product certification, approvals and conditions of safe use are available in the installation manual at [www.nVent.com/RAYCHEM](http://www.nVent.com/RAYCHEM).

## ORDERING INFORMATION

Part description	Moni-PT100-260/2
PN	1244-006615

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