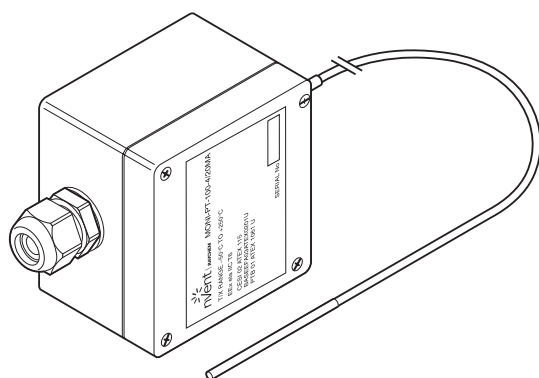


# MONI-PT100-4/20MA

## CONNECT AND PROTECT

### 3 Wire PT 100 sensor with 4 to 20 mA transmitter for hazardous area

#### PRODUCT OVERVIEW



nVent RAYCHEM PT 100 sensor connected to a 4-20 mA transmitter built in a black glass fiber reinforced polyester junction box with M20 cable gland (Blue).

#### PRODUCT SPECIFICATIONS

##### Sensor

|                              |                                                              |
|------------------------------|--------------------------------------------------------------|
| Type                         | PT 100 (3 wire)<br>DIN IEC 751, Class B.                     |
| Material                     | Extension cable and tip both stainless steel (MI).           |
| Temperature measuring range: | -50°C to +250°C (transmitter)                                |
| Maximum exposure temp. tip   | +585°C                                                       |
| Length                       | 2 m                                                          |
| Diameter                     | ca 3 mm                                                      |
| Minimum bending radius       | Extension cable: 20 mm, the measuring tip should not be bent |

##### Enclosure

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Ingress protection      | IP66                                                                       |
| Material                | Glass fiber reinforced polyester (black)                                   |
| Dimensions              | Width = 80 mm Height = 75 mm Depth = 55 mm                                 |
| Cable gland             | M20, blue (EEx e) suitable for cable diameters ranging from 10 mm to 14 mm |
| Operating temperature   | -20°C to +55°C                                                             |
| Sealing gasket material | Tongue and groove system with silicone seal                                |
| Cover screws            | Stainless steel M4 threaded                                                |
| For pipe mounting use   | JB-SB-26                                                                   |

##### Installation and connection

|                 |                                                                     |
|-----------------|---------------------------------------------------------------------|
| Terminals       | 2 screw terminals                                                   |
| Terminal sizing | Suitable for cables from 0.5 mm <sup>2</sup> to 1.5 mm <sup>2</sup> |

## APPROVALS

For use in hazardous area Zone 1 (Gas)

### Temperature classification

T6...T4

### 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-PT100-4/20MA

PN (Weight) 704058-000 (0.46 kg)

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