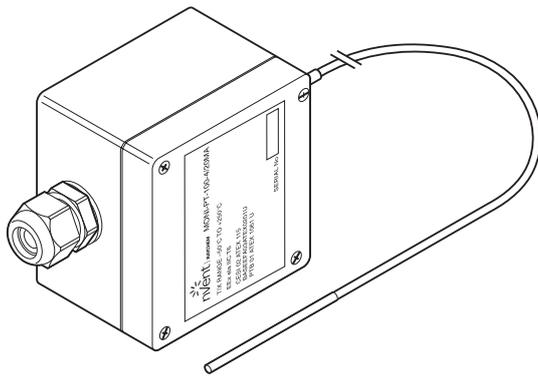


MONI-PT100-4/20MA

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) 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 ² to 1.5 mm ²

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.

ORDERING INFORMATION

Part Description	MONI-PT100-4/20MA
PN (Weight)	704058-000 (0.46 kg)

North America

Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nVent.com

Europe, Middle East, Africa

Tel +32.16.213.502
Fax +32.16.213.604
thermal.info@nVent.com

Asia Pacific

Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nVent.com

Latin America

Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nVent.com



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER