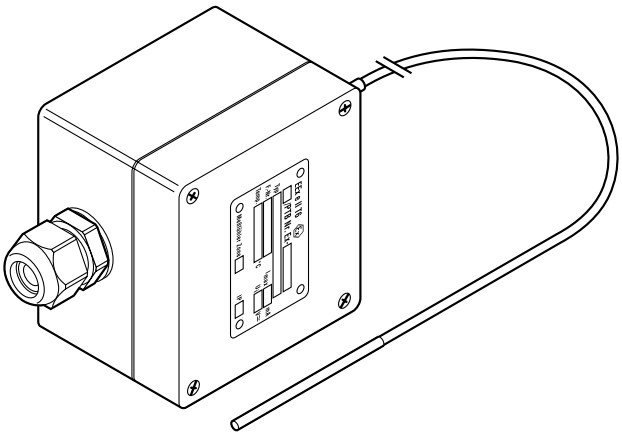
MONI-PT100-EXE

TEMPERATURE SENSOR FOR HAZARDOUS AREAS



3 wire nVent RAYCHEM Pt 100 sensor connected to a black glass fiber reinforced polyester junction box with 4 front entry spring-type terminals.

M20 EEx e cable gland preinstalled.

AREA OF USE

Hazardous environment Zone I

APPROVALS

Baseefa11ATEX0068X
Ⓔx II 2 GD
Ex e IIC T6 Ta –50°C to + 60°C Gb
Ex tb IIIC T85°C Ta –50°C to +60°C Db IP66
IECEx BAS 11.0033X
Ex e IIC T6 Ta –50°C to +60°C Gb
Ex tb IIIC T85°C Ta –50°C to +60°C Db IP66

EAC Ex
ТС RU C-BE.ИМ43.B.01764
ООО "ТехИмпорт"
1Ex e IIC T6 Gb X
Ex tb IIIC T85°C Db X
IP66 Ta -60°C...+60°C
Made in GB

SENSOR

Type	Pt 100 (3 wire) DIN IEC 751, Class B.
Material	extension cable and tip both stainless steel (MI)
Temperature measuring range	–100°C to +500°C
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

Material	Glass fiber reinforced polyester (black)
Ingress protection	IP66
Dimensions	With = 80 mm Height = 75 mm Depth = 55 mm
Cable entry	M20 (EEx e) suitable for cable diameters ranging from 10 mm to 14 mm
Operating temperature	–50°C to +60°C
Sealing gasket material	tongue and groove system with silicone seal
Cover screws	Stainless steel M4 threaded
Mounting	For pipe mount use JB-SB-26 wall mount surface mount via moulded holes at 68 x 45 mm

INSTALLATION AND CONNECTION

Terminals	4 front entry spring-type terminals
Terminal sizing	suitable for cables from 0.5 mm^2 to 2.5 mm^2

ORDERING DETAILS

Part Description	nVent RAYCHEM MONI-PT100-EXE
PN (Weight)	967094-00 (0.44 kg)

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