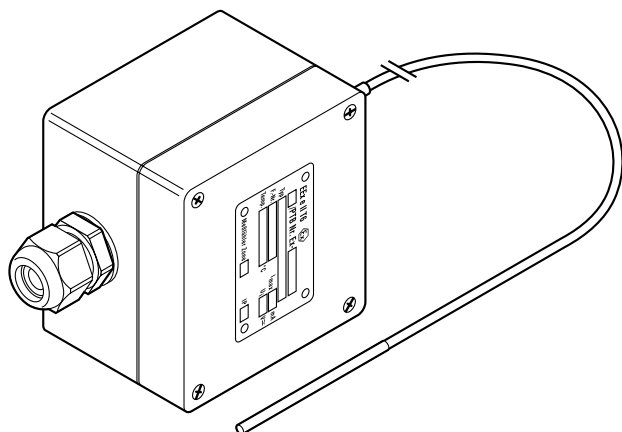


## TEMPERATURE SENSOR FOR HAZARDOUS AREAS



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

 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**

TC RU C-BE.ИМ43.В.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)<br>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 <sup>2</sup> to 2.5 mm <sup>2</sup> |

## ORDERING DETAILS

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

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