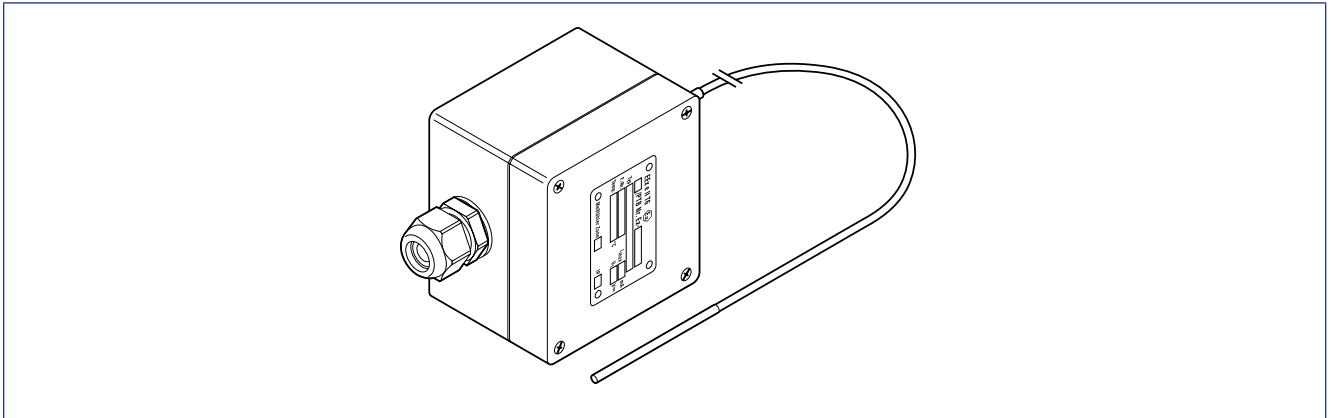


Temperature sensor for hazardous areas

3 wire 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

Baseefa03ATEX0695X

Ex II 2GD T85°C EEx emia IIC T6 (–50°C ≤ Ta ≤ 55°C)

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 +55°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	MONI-PT100-EXE
PN (Weight)	967094-00 (0.44 kg)