

Junction Box

Mounting: To be mounted on the wall

Type:
BOX-PP

10131-E170424V2.2



Application:

- For storage rooms
- For damp rooms
- For freezer compartments
- For storage containers

Properties:

- For mounting on wall
- Terminal block or temperature transmitter
- Resists shocks and vibrations
- IP65



MECHANICAL SPECIFICATIONS:

Material housing:

ABS

Mounting of Lid:

Screw

Outer dimensions of box:

Box 82,6x80,8x55,5mm.

Internal dimensions for transmitter:

Ø44x24 mm

Cable gland: M9 – M20

Steel
Nickel plated brass
Plastic

Cable entry:

2 pcs.

Ambient temperatures:

-40/+100°C

ELECTRICAL SPECIFICATIONS

Cable (pre-mounted):


SS (Silicone-Silicone) max. 180°C
SBS (Silicone-Inner Braided-Silicone) max. 180°C
TBT (Teflon-Inner Braided-Teflon) max. 250°C
None

Cable length [m]:

Link for further information: [Pt100 Tolerance](#)

Date:

Part No.:

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Calibration:

Temperature calibration are used to verify and certify the sensor to have the correct accuracy. We can do either: "In house" or "Accredited" calibration. Accredited is certified by 3.e part. Normally we do a calibration in 3 points.

Enhanced performance services:

Cold applications (below -50°C) will influence the material and the measurement. CRYO treatment is needed to ensure a correct and working sensor down to -196°C.

A sensor will always drift over time, especially when there are high temperature fluctuations.

With "Ageing treatment" we stabilize the sensor to ensure a minimum drift over time. The benefits are long term stability, more correct measurement and easier planning of calibration periods.

Documentation:

Please order the correct documentation when ordering the sensor.



SIGNAL PROCESSING

Terminal block mounted-----○

Programmable mounted transmitter-----●

Measuring range min/max: -200/+850°C
Output: 2-wire, 4-20 mA
Min. span: 25°C
Ambient temperature min/max: -40/+85°C

- [5333A Uninsulated for RTD](#)
- [5333D EEX Uninsulated for RTD](#)
- [5332A Uninsulated for RTD](#)
- [5332D EEX Uninsulated for RTD](#)
- [5334A Uninsulated for TC](#)
- [5334B Galvanic Isolated TC](#)
- [5331A Galvanic Isolated RTD / TC](#)
- [5331D EEX Galvanic Isolated RTD / TC](#)
- [5335A Hart 5 Protocol Standard](#)
- [5335D Hart 5 Protocol CSA, FM, ATEX, IECEx](#)
- [5337A Hart 5 & 7 Protocol](#)
- [5337D Hart 5 & 7 Protocol CSA, FM, ATEX, IECEx](#)



Documentation

- Documentation
- Certificate: 3.1 Material
- Certificate of origin
- Certificate of conformity
- Other on request

Transmitter Type:		<input style="width: 100%;" type="text"/>	
4 mA =	<input style="width: 50%;" type="text"/>	20 mA =	<input style="width: 50%;" type="text"/>
	C°		C°

- [5350A Profibus standard](#)
- [5350B Profibus ATEX, FM and CSA](#)

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Link for further information to [Rail mounted transmitter](#)

Link for further information: [Transmitter Overview](#)

Date:
Part No.: