

DATA SHEET



Screw-in probe with B+B plug Junior with gold plated connection

Description



Characteristic features

- Wide measuring range
- Very high vibration resistance
- Compact design

Available measuring inserts

- Pt 100
- Pt 500
- Pt 1000
- NTC 1k / 2k / 5k / 10k / 20k
- Ni 1000
- KTY 81-210
- NiCr – Ni
- NiCrSi – NiSi
- Fe - CuNi

Available process thread

- G 1/2"
- G 1/4"
- G 1/8"
- M 10 x 1
- M 12 x 1
- M 14 x 1,5
- M 16 x 1,5

Technical data

General parameter	
Measuring range	-50...+250 °C
Diameter	6 mm
Installation depth	50 mm
Process thread	M16 x 1,5
Vibration	Up to 500 g (depending on installation)
Shock	Up to 5 g (depending on installation)
Protection	IP67
T90	12 sec (oil)

Ordering information

Article	Art.-No.
Screw-In probe with B+B plug junior Pt100/B/2, diameter 6 mm	0625 0227-04
AMP socket housing 2 pole with locking spring and seal ring in black colour	0220 0410
AMP socket contact AWG 20 – 24	0220 0410-01
AMP seal cap for 2 pole AMP socket housing	0220 0410-10
AMP single seal	0220 0410-20

Features

The screw-in probe with B+B plug Junior from B+B Thermo-Technik allows a universal use whenever a screw-in probe is needed.

The temperature sensor from the high quality stainless steel (1.4571) can be equipped with different process connections. The electrical connection in the B+B plug junior has achieved the IP67 degree of protection.

The Screw-in probe also has a very high tolerance for vibrations. Depending on the installation, it can handle up to 500 g. The shock load can be compensated for up to 5 g. In addition, the screw-in probe has a compressive strength of up to 600 bar. The robust and fast reacting Screw-in probe can be used universally throughout the automotive engineering industry, refrigeration and air conditioning industry, craftsmanship, engine design and test bench technology.

For further information visit our website:
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