

Immersion probes type K

Description



Performance features

- High-quality thermal material
- Helical cable type K
- Lightweight
- Fits well in the hand

Areas of application

- Plastics industry (e.g. temperature monitoring of granulate)
- Rubber industry
- Process monitoring
- Temperature monitoring of liquid, gaseous or solid media

Features

These B+B type K hand-held temperature probes can be connected to measuring devices via the attached miniature plug. For the temperature probes based on thermocouple technology, B+B relies exclusively on high-quality thermocouple material from the measuring insert to the cable as well as to the thermocouple plug in order to provide a guaranteed error-free measurement result. The helical cable type K enables a range of up to one meter. These temperature sensors are generally lightweight and fit comfortably in the hand.

Technical data

Specification	0600 1002	0600 1003	0600 1034
Measuring range temperature	-200...+1100 °C	-50...+1100 °C	-200...+1100 °C
Sensor	Thermocouple type K, NiCr-Ni		
Accuracy	DIN EN 60584-1, class 1		
Response time temperature	T90: 8 s	T90: 6 s	T90: 8 s
Tube length	130 mm		500 mm
Tube diameter	3.0 mm	1.5 mm	3.0 mm
Tube material	Inconel 600		
Handle material	Polyamide PA6, black		
Dimensions	Handle Ø15 x 120 mm		Handle Ø18 x 120 mm
Cable construction	Helical cable type K, PU, 2 x 0.14 mm ²		
Cable length	Helical cable approx. 250 mm, usable length approx. 1000 mm		
Connection	B+B miniature plug (DIN EN 50212)		