

DATA SHEET

Air probe NiCr-Ni, type K, green

Description



Performance features

- Shock and vibration resistant
- Long-term stability
- Ergonomic designed form
- Compact dimensions, low weight
- Low-priced

Application areas

- Industrial measurement instrumentation
- Production halls
- Laboratory equipment
- Heating and air conditioning
- Environment engineering, automotive industry
- Temperature monitoring e.g. in clean rooms, test rigs, etc.

Technical data

Air probe, NiCr-Ni, type K	
Thermocouple	Type K (NiCr-Ni)
Measuring principle	Seebeck effect
Measuring range	-50...+120 °C
Output signal	Voltage value in mV
Accuracy	DIN EN 60584
Response time T_{90}	<5 s
Measuring medium	Non flammable, aggressive or corrosive gases (air)
Material	PA6, green
Connection	Flat contacts
DIN EN 50212	NiCr 11x2,3x0,8 mm (+) Ni 11x3,0x0,8 mm (-)
Housing dimensions (LxWxH)	30x17x8 mm
Article	Art.-No.
Air probe, NiCr-Ni, type K	0625 1456
Accessories	Art.-No.
Digital thermometer Typ 305	0560 0305
Digital thermometer Typ 307	0560 0307
Digital thermometer 8856	0560 8856
Software for 8856 with RS232	0554 1016
Interface	
Datalogger 88378	0568 0008

Description

The B+B air probe is a thermocouple type K, which has been integrated in a miniature plug DIN EN 50212. Due to the free-standing thermocouple a fast response time is warranted. The air probe can be connected directly to the designated measuring devices or data loggers for thermocouples type K with miniature plug. You therefore have the possibility to measure or rather record the ambient temperature at the desired spot.

Dimensions

