DATA SHEET

Penetration temperature probe with ergonomical handle

Description

Features

- Ergonomic handle made of PEEK
- Rust and acid resistant stainless steel
- Centric or inclined measuring tip
- Measuring range from -50 °C to +260 °C

Fields of application

- Food inspection
- Meat processing machines
- Freezers
- Cooking machines
- Baking machines
- Cooking and smoking equipment
- Quality assurance in the food industry

Technical data

Penetration temperature probe with ergonomic handle PEEK		
Sensors		Thermocouple Type K, Pt1000, Pt100
Measuring range		-50...+260 °C
Measuring tip		Inclined or centric
Accuracy	Thermocouple Type K, Pt1000, Pt100	DIN EN 60584 Class 1 F0,3 (Class B) DIN EN 60751 conform
Measuring current		max. 0,3 mA
Type of circuit		2-wire 4-wire
Tube length		100 mm
Tube diameter		4 mm
Material	Tube Handle	Stainless steel 1.4571 PEEK
Handle dimensions	Straight handle Angled handle	(LxB) 40 x 10 mm (LxBxH) 43,8 x 23,3 x 12 mm
Connection		free ends 30mm, uninsulated
Protection type		IP65
Cable length		3000 mm
Environmental data		RoHS- and REACH conform

Characteristics

Due to their special design, the robust penetration temperature probes from B+B are preferably suitable for cooking, simmering and baking processes in all areas of food processing and preservation.

The B+B penetration temperature probes can be supplied with the following sensor technology: Pt100, Pt1000 or thermocouple type K. The piercing sleeve is made of stainless steel and has an inclined or centric measuring tip. The ergonomic handle made of high-quality PEEK, as well as the connecting cable, ensure a highly hygienic design - the perfect temperature probe for the food industry. This optimized penetration temperature probe is resistant to common household cleaning agents due to the materials used.

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Penetration temperature probe with ergonomical handle

Article number overview

Penetration temperature probe with inclined measuring tip					
Article number	**Description**	**Measuring current**	**Connection**	**Sensor**	**Handle**
0600 0065-100	Penetration temperature probe 1xPt100/B/4 Pt100	4-wire	4 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Pt100	Straight handle
0600 0066-100	Penetration temperature probe 1xPt1000/B/4 Pt1000	4-wire	4 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Pt1000	Straight handle
0600 0067-100	Penetration temperature probe 1xPt1000/B/4 Pt1000	4-wire	4 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Pt1000	Angled handle

Penetration temperature probe with centric measuring tip					
Article number	**Description**	**Measuring current**	**Connection**	**Sensor**	**Handle**
0600 0065-101	Penetration temperature probe 1xPt100/B/4 Pt100	4-wire	4 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Pt100	Straight handle
0600 0066-101	Penetration temperature probe 1xPt1000/B/4 Pt1000	4-wire	4 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Pt1000	Straight handle
0600 0067-101	Penetration temperature probe 1xPt1000/B/4 Pt1000	4-wire	4 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Pt1000	Angled handle
0600 1112-101	Penetration temperature probe 1x K with centric penetration tip	2-wire	2 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Thermocouple Type K	Straight handle
0600 1114-101	Penetration temperature probe 1x K with centric penetration tip	2-wire	2 x 0,22 mm², PTFE/shielding/PTFE Coat color white	Thermocouple Type K	Angled handle

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