



HE/E

Hand infeed temperature probe with PTFE-hand grip and silicone-cable

Measuring size: temperature

Output: passive sensor

Highlights: PTFE hand grip, water-vapour-proof casted, bend protection: stainless steel



Description

The HE/E cable infeed temperature probe with PTFE-hand grip measures the temperature in the range of -50 up to +200°C in visco-plastical medium. The stainless steel infeed sleeve is with the connection cable fixed as well as water-vapour-proof casted. As foodstuffs probe it features different applications like e.g. measuring of unfrozen food, or as air probe for the temperature check of freezer and coolers.

Technical Specifications

Measurement range temp.	-50...+200°C
Sensor	Pt100, Pt500, Pt1000 (other on request)
Circuit type	2-wire connection
Measurement current	approx. 1 mA
Cable	4 m silicone cable (2x0,22 mm ² , max. +180°C) with core cable ends
Leakage resistance	> 100 MOhm, at +20°C (500 V DC)
Material	Probe: stainless steel VA 1.4571, Hand grip: PTFE, Bend protection: stainless steel
Dimensions	Probe: Ø 6 x 150 mm with central auxiliary peak, Hand grip: Ø 20 x 120 mm
Protection type	IP65, water-vapour-proof cast
Storage temperature	-20...+70°C
Approvals	CE, EAC, RoHS



Variants

Article Number		
Sensor	Hand grip	Cable
HE/E-10/4P		
Pt100 (DIN EN 60751 Cl. B)	PTFE	4 m silicone (2x0,22 mm ²)
HE/E-15/4P		
Pt500 (DIN EN 60751 Cl. B)	PTFE	4 m silicone (2x0,22 mm ²)
HE/E-20/4P		
Pt1000 (DIN EN 60751 Cl. B)	PTFE	4 m silicone (2x0,22 mm ²)

Accessories



DT/G
Digital display



MUD/E
Pt100 temperature transformer 0-10 V / 4-20 mA with double-PG housing



Dimensional Drawing

