



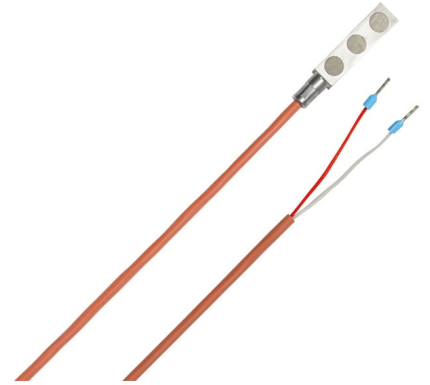
OF6/E

Surface Temperature Sensor - Magnetic with silicone cable

Measuring size: temperature

Output: passive sensor

Highlights: three holding magnets - holding force 45N



Description

The magnetic OF6/E surfaces sensor measures the temperature of metallic surfaces in the range of -30 up to +180°C and is with all current sensors available. By the three holding magnets the temperature sensor can be mounted fast and safe directly.

Technical Specifications

Measurement range temp.	-30...+180°C
Sensor	Pt100, Pt500, Pt1000, Ni1000, NTC, LM235Z (other on request)
Circuit type	2-wire connection
Measurement current	approx. 1 mA
Cable	silicone cable (2x0,22 mm ² , max. +180°C) with core cable ends in different lengths
Leakage resistance	> 100 MOhm, at +20°C (500 V DC)
Dimensions	Square aluminum fitting with magnetic components L 30 x W 8 x H 8 mm, Holding force 45N
Protection type	IP54
Storage temperature	-20...+70°C
Approvals	CE, EAC, RoHS



Variants

Article Number	
Sensor	Cable
OF6/E-10/2	
Pt100 (DIN EN 60751 Cl. B)	2 m silicone (2x0,22 mm ²)
OF6/E-20/2	
Pt1000 (DIN EN 60751 Kl. B)	2 m silicone (2x0,22 mm ²)
OF6/E-30/2	
Ni1000 (whirl-sintered)	2 m silicone (2x0,22 mm ²)
OF6/E-40/2	
Ni1000TK5000 (whirl-sintered)	2 m silicone (2x0,22 mm ²)
OF6/E-50/2	
NTC1,8k (±1%)	2 m silicone (2x0,22 mm ²)
OF6/E-70/2	
NTC20k (±1%)	2 m silicone (2x0,22 mm ²)
OF6/E-80/2	
NTC10k (±1%)	2 m silicone (2x0,22 mm ²)

Accessories



DT/G
Digital display



SZ/E
Accessories



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



Dimensional Drawing

