



KF2/E

Duct temperature sensor with terminal head form J

Measuring size: temperature

Output: passive sensor

Highlights: easy to install with included mounting flange



Description

The KF2/E duct sensor with terminal head form J measures the temperature in the range of -30 up to +150°C in gasiform medium and is with all current sensors available. With the in scope of delivery mounting flange the temperature probe can be mounted directly e.g. on ducts or pipes and replaced quickly and easily in case of service.

Technical Specifications

Measurement range temp.	-30...+150°C
Sensor	Pt100, Pt500, Pt1000, Ni1000, KTY, NTC, LM235Z (other on request)
Circuit type	2-wire connection
Measurement current	approx. 1 mA
Electrical connection	screw terminals max. 2,5 mm ²
Leakage resistance	> 100 MOhm, at +20°C (500 V DC)
Housing	terminal head form J , aluminium, colour grey
Cable gland	M16x1,5 high-strength cable gland with strain relief
Installation length	100-400 mm
Material	Protection sleeve: stainless steel VA 1.4571, Mounting flange: aluminium
Dimensions	Protection sleeve: Ø 6 mm
Protection type	IP65
Storage temperature	-20...+70°C
Installation	mounting flange (in scope of delivery)
Approvals	CE, EAC, RoHS



Variants

Article Number	
Sensor	Installation length
KF2/E-10/100	
Pt100 (DIN EN 60751 Cl. B)	100 mm
KF2/E-10/200	
Pt100 (DIN EN 60751 Cl. B)	200 mm
KF2/E-10/300	
Pt100 (DIN EN 60751 Cl. B)	300 mm
KF2/E-10/400	
Pt100 (DIN EN 60751 Cl. B)	400 mm
KF2/E-20/100	
Pt1000 (DIN EN 60751 Cl. B)	100 mm
KF2/E-20/200	
Pt1000 (DIN EN 60751 Cl. B)	200 mm
KF2/E-20/300	
Pt1000 (DIN EN 60751 Cl. B)	300 mm
KF2/E-20/400	
Pt1000 (DIN EN 60751 Cl. B)	400 mm

Accessories



DT/G
Digital display



SZ/E
Accessories



ZT/E
Immersion sleeve



Accessories



MUD/E

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



Dimensional Drawing

