



## KF3/E

### Duct temperature sensor with terminal head form B

Measuring size: temperature

Output: passive sensor

Highlights: easy to install with included mounting flange



### Description

The KF3/E duct sensor with terminal head form B measures the temperature in the range of -30 up to +600°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...+180°C, -30...+600°C (H-variant)
Sensor	Pt100, Pt500, Pt1000 (other on request)
Circuit type	2-wire connection
Measurement current	approx. 1 mA
Electrical connection	screw terminals max. 2,5 mm <sup>2</sup>
Leakage resistance	> 100 MOhm, at +20°C (500 V DC)
Housing	terminal head form B , aluminium, colour grey
Cable gland	M20x1,5 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 11 mm
Protection type	IP65
Storage temperature	-20...+70°C
Installation	mounting flange (in scope of delivery)
Approvals	CE, EAC, RoHS



## Variants

Article Number		
Sensor	Temperature	Installation length
<b>KF3/E-10/100</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
<b>KF3/E-10/100H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	100 mm
<b>KF3/E-10/200</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
<b>KF3/E-10/200H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	200 mm
<b>KF3/E-10/300</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
<b>KF3/E-10/300H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	300 mm
<b>KF3/E-10/400</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm
<b>KF3/E-10/400H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	400 mm
<b>KF3/E-20/100</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
<b>KF3/E-20/100H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	100 mm
<b>KF3/E-20/200</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
<b>KF3/E-20/200H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	200 mm
<b>KF3/E-20/300</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
<b>KF3/E-20/300H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	300 mm
<b>KF3/E-20/400</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm
<b>KF3/E-20/400H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	400 mm



## Accessories

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DT/G  
Digital display

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SZ/E  
Accessories

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



### Dimensional Drawing

