



## EF3/E

### Screw-in temperature sensor with terminal head form B

Measuring size: temperature

Output: passive sensor

Highlights: Pmax 40 bar, thread G1/2 inch



### Description

The EF3/E screw-in sensor with terminal head form B measures the temperature in the range of -30 up to +180°C at a max. pressure of 40 bar in gasiform as well as liquid medium and is with all current sensors available. With the in scope of delivery brass immersion sleeve the temperature probe can be mounted directly in bin or pipes and replaced quickly and easily in case of service.

### Technical Specifications

Measurement range temp.	-30...+180°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 <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, Immersion sleeve: stainless steel VA 1.4571, Pmax. 40 bar
Dimensions	Protection sleeve: Ø 6 mm, Immersion sleeve: outside Ø 9 mm / inside Ø 6,5 mm, thread G1/2 inch
Protection type	IP65
Storage temperature	-20...+70°C
Installation	immersion sleeve with G1/2 inch screw-in thread
Approvals	CE, EAC, RoHS



## Variants

<b>Article Number</b>	
Sensor	Installation length
<b>EF3/E-10/050</b>	
Pt100 (DIN EN 60751 Cl. B)	50 mm
<b>EF3/E-10/100</b>	
Pt100 (DIN EN 60751 Cl. B)	100 mm
<b>EF3/E-10/150</b>	
Pt100 (DIN EN 60751 Cl. B)	150 mm
<b>EF3/E-10/200</b>	
Pt100 (DIN EN 60751 Cl. B)	200 mm
<b>EF3/E-10/250</b>	
Pt100 (DIN EN 60751 Cl. B)	250 mm
<b>EF3/E-10/300</b>	
Pt100 (DIN EN 60751 Cl. B)	300 mm
<b>EF3/E-10/350</b>	
Pt100 (DIN EN 60751 Cl. B)	350 mm
<b>EF3/E-10/400</b>	
Pt100 (DIN EN 60751 Cl. B)	400 mm
<b>EF3/E-20/050</b>	
Pt1000 (DIN EN 60751 Cl. B)	50 mm
<b>EF3/E-20/100</b>	
Pt1000 (DIN EN 60751 Cl. B)	100 mm
<b>EF3/E-20/150</b>	
Pt1000 (DIN EN 60751 Cl. B)	150 mm
<b>EF3/E-20/200</b>	
Pt1000 (DIN EN 60751 Cl. B)	200 mm
<b>EF3/E-20/250</b>	
Pt1000 (DIN EN 60751 Cl. B)	250 mm
<b>EF3/E-20/300</b>	
Pt1000 (DIN EN 60751 Cl. B)	300 mm
<b>EF3/E-20/350</b>	
Pt1000 (DIN EN 60751 Cl. B)	350 mm
<b>EF3/E-20/400</b>	
Pt1000 (DIN EN 60751 Cl. B)	400 mm



### Dimensional Drawing

