



## EF4/E

### Screw-in temperature sensor with terminal head form B and neck tube

Measuring size: temperature

Output: passive sensor

Highlights: thread G1/2 inch, neck tube for heat dissipation, replaceable sensor unit



### Description

The EF4/E screw-in sensor with terminal head form B, neck tube and replaceable sensor unit measures the temperature in the range of -30 up to +600°C at a max. pressure of 40 bar in gasiform as well as liquid medium and is with all current sensors available. By the stainless steel immersion sleeve with G1/2 inch thread the temperature probe can be mounted directly in bin or pipes. The neck tube is for a better heat conduction.

### 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
Dimensions	Neck tube length: 80 mm
Protection type	IP65
Storage temperature	-20...+70°C
Installation	screw-in thread G1/2 inch
Approvals	CE, EAC, RoHS



## Variants

Article Number		
Sensor	Temperature	Installation length
<b>EF4/E-10/100</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
<b>EF4/E-10/100H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	100 mm
<b>EF4/E-10/200</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
<b>EF4/E-10/200H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	200 mm
<b>EF4/E-10/300</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
<b>EF4/E-10/300H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	300 mm
<b>EF4/E-10/400</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm
<b>EF4/E-10/400H</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+600°C	400 mm
<b>EF4/E-20/100</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
<b>EF4/E-20/100H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	100 mm
<b>EF4/E-20/200</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
<b>EF4/E-20/200H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	200 mm
<b>EF4/E-20/300</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
<b>EF4/E-20/300H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	300 mm
<b>EF4/E-20/400</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm
<b>EF4/E-20/400H</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+600°C	400 mm



### Dimensional Drawing

