



## EF7/E

### Screw-in temperature sensor with plug connector DIN EN 175301

Measuring size: temperature

Output: passive sensor

Highlights: Pmax 40 bar, thread G1/2 inch



## Description

The EF7/E screw-in sensor with plug connector 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. By the G1/2 inch thread the temperature probe can be mounted directly in bin or pipes.

## Technical Specifications

Measurement range temp.	-30...+180°C
Sensor	Pt100, Pt1000 (other on request)
Circuit type	2-wire connection
Measurement current	approx. 1 mA
Electrical connection	angular connector according to DIN EN 175301-803 C
Leakage resistance	> 100 MOhm, at +20°C (500 V DC)
Cable gland	M16x1,5 high-strength cable gland with strain relief
Installation length	50-400 mm
Material	Protection sleeve: stainless steel VA 1.4571, max. pressure 40 bar
Dimensions	Protection sleeve: Ø 6 mm
Protection type	IP65
Storage temperature	-20...+70°C
Installation	screw-in thread G1/2 inch
Approvals	CE, EAC, RoHS



## Variants

<b>Article Number</b>		
Sensor	Temperature	Installation length
<b>EF7/E-10/050</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	50 mm
<b>EF7/E-10/100</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
<b>EF7/E-10/150</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	150 mm
<b>EF7/E-10/200</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
<b>EF7/E-10/250</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	250 mm
<b>EF7/E-10/300</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
<b>EF7/E-10/350</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	350 mm
<b>EF7/E-10/400</b>		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm
<b>EF7/E-20/050</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	50 mm
<b>EF7/E-20/100</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
<b>EF7/E-20/150</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	150 mm
<b>EF7/E-20/200</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
<b>EF7/E-20/250</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	250 mm
<b>EF7/E-20/300</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
<b>EF7/E-20/350</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	350 mm
<b>EF7/E-20/400</b>		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm



## Accessories

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DT/G  
Digital display



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



### Dimensional Drawing

