



EF6/E

Screw-in temperature sensor with terminal head form J

Measuring size: temperature

Output: passive sensor

Highlights: Pmax 40 bar, thread G1/2 inch



Description

The EF6/E screw-in sensor with terminal head form J measures the temperature in the range of -70 up to +550°C at a max. pressure of 40 bar in gasiform as well as liquid medium and is with Pt100/Pt1000 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, -70...+550°C (H-variant)
Sensor	Pt100, Pt1000 (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	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

Article Number		
Sensor	Temperature	Installation length
EF6/E-10/050		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	50 mm
EF6/E-10/050H		
Pt100 (DIN EN 60751 Cl. B)	-70...+550°C	50 mm
EF6/E-10/100		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
EF6/E-10/100H		
Pt100 (DIN EN 60751 Cl. B)	-70...+550°C	100 mm
EF6/E-10/200		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
EF6/E-10/200H		
Pt100 (DIN EN 60751 Cl. B)	-70...+550°C	200 mm
EF6/E-10/300		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
EF6/E-10/300H		
Pt100 (DIN EN 60751 Cl. B)	-70...+550°C	300 mm
EF6/E-10/400		
Pt100 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm
EF6/E-10/400H		
Pt100 (DIN EN 60751 Cl. B)	-70...+550°C	400 mm
EF6/E-20/050		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	50 mm
EF6/E-20/050H		
Pt1000 (DIN EN 60751 Cl. B)	-70...+550°C	50 mm
EF6/E-20/100		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	100 mm
EF6/E-20/100H		
Pt1000 (DIN EN 60751 Cl. B)	-70...+550°C	100 mm
EF6/E-20/200		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	200 mm
EF6/E-20/200H		
Pt1000 (DIN EN 60751 Cl. B)	-70...+550°C	200 mm



Article Number		
Sensor	Temperature	Installation length
EF6/E-20/300		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	300 mm
EF6/E-20/300H		
Pt1000 (DIN EN 60751 Cl. B)	-70...+550°C	300 mm
EF6/E-20/400		
Pt1000 (DIN EN 60751 Cl. B)	-30...+180°C	400 mm
EF6/E-20/400H		
Pt1000 (DIN EN 60751 Cl. B)	-70...+550°C	400 mm

Accessories



DT/G
Digital display



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



Dimensional Drawing

