



## EF4/T

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

Measuring size: temperature

Output: Type J, K, L

Highlights: thread G1/2 inch, replaceable sensor unit



### Description

The EF4/E screw-in thermocouple with terminal head form B, neck tube and replaceable sensor unit measures the temperature in the range of -200 up to +800°C at a max. pressure of 40 bar in gasiform as well as liquid medium. By the stainless steel immersion sleeve with G1/2 inch thread the thermocouple can be mounted directly in bin or pipes. The neck tube is for a better heat conduction.

### Technical Specifications

Measurement range temp.	-200...+800°C (type K), -200...+750°C (type J, L)
Thermocouple	type K (NiCr-Ni), type J (Fe-CuNi), type L (Fe-CuNi) according to DIN EN 60584, IEC 584, replaceable gauge slide
Accuracy	class 1 ( $\pm 1,5$ K up to 375°C, else $0,004 *  t $ )
Electrical connection	screw terminals max. 2,5 mm <sup>2</sup>
Housing	terminal head form B , aluminium, colour grey
Cable gland	M20x1,5 cable gland with strain relief
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

<b>Article Number</b>	
Thermocouple	Installation length
<b>EF4/T-J/100</b>	
type J	100 mm
<b>EF4/T-J/150</b>	
type J	150 mm
<b>EF4/T-J/200</b>	
type J	200 mm
<b>EF4/T-J/250</b>	
type J	250 mm
<b>EF4/T-J/300</b>	
type J	300 mm
<b>EF4/T-J/350</b>	
type J	350 mm
<b>EF4/T-J/400</b>	
type J	400 mm
<b>EF4/T-K/100</b>	
type K	100 mm
<b>EF4/T-K/150</b>	
type K	150 mm
<b>EF4/T-K/200</b>	
type K	200 mm
<b>EF4/T-K/250</b>	
type K	250 mm
<b>EF4/T-K/300</b>	
type K	300 mm
<b>EF4/T-K/350</b>	
type K	350 mm
<b>EF4/T-K/400</b>	
type K	400 mm
<b>EF4/T-L/100</b>	
type L	100 mm
<b>EF4/T-L/150</b>	
type L	150 mm



Article Number	
Thermocouple	Installation length
EF4/T-L/200	
type L	200 mm
EF4/T-L/250	
type L	250 mm
EF4/T-L/300	
type L	300 mm
EF4/T-L/350	
type L	350 mm
EF4/T-L/400	
type L	400 mm

## Accessories



DT/G  
Digital display



ALK/E  
Thermocouple compensating cable NiCr-Ni - silicone



### Dimensional Drawing

