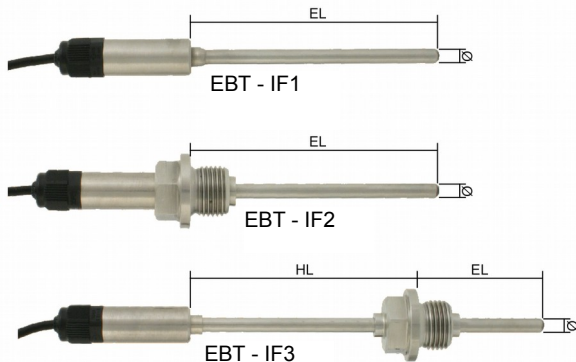


Product Information

Measurement Data Acquisition

Temperature Probe EBT - IF1 / EBT - IF2 / EBT - IF3



- Internal Pt1000 sensor
- Housing made of stainless steel
- Long-term temperature monitoring

Characteristics

The EBT - IF is used for long-term temperature monitoring. The temperature sensor as well as the EASYBus electronics are integrated in the compact probe.

The temperature is measured by the internal Pt1000 sensor, the measuring values and min-/max- values can be read out via EASYBus interface.

The housing of the probe is made of stainless steel to guarantee optimal corrosion protection. The measuring range, fitting length, probe tube diameter and other parameters of the probes can be modified according to customer preferences. The probes can be configured by means of the EASYBus-Configurator software.

Technical data

	EBT - IF1	EBT - IF2	EBT - IF3
Measuring range	-30.0..+100.0 °C	-30.0..+100.0 °C	-70.0..+400.0 °C
Measuring sensor	Pt1000		
Accuracy	sensor: DIN class B electronics: ±0.2 % of m.v. ±0.2 °C		
Working temperature	-25..+70 °C (electronics in cable sleeve)		
Interface	EASYBus interface, fixed 2-pole cable, cable length: 2 m		
Probe tube D (standard)	Ø 6 mm		
Process connection (standard)	—	thread G ½	thread G ½

Fitting length (standard)	EL = 100 mm	EL = 100 mm	EL = 50 mm
Neck tube length (standard)	—	—	HL = 100 mm
Housing	stainless steel (V4A)		
Protection class	IP67		
Bus load	1.5		

Dimensions

Cable sleeve : Ø 15 x 35 mm (without thread)

Ordering code

EBT - 1. - 2. - 3. - 4. - 5. - 6.

1. Design type	
IF1	without thread
IF2	with thread
IF3	with thread and neck tube
2. Measuring range	
MB1	-30.0..+100.0 °C (standard IF1 / IF2)
MB2	-70.0..+400.0 °C (standard IF3)
MBx	state desired measuring range separately (e.g.: -50..200 °C) max. possible meas. range: -200..+500 °C
3. Fitting length EL	
050	50 mm (standard IF3)
100	100 mm (standard IF1 and IF2)
xxx	any EL in mm (e.g. 075 = 75 mm)
4. Probe diameter D	
D4	Ø 4 mm
D5	Ø 5 mm
D6	Ø 6 mm (standard)
D8	Ø 8 mm
5. Thread (only at design type IF2 and IF3)	
G1	G ½ (standard)
G2	G ¼
G3	G ¾
G4	G ½
G5	G ¾
M8	M8
M0	M10
M4	M14
6. Neck tube length HL (only at design type IF3)	
100	100 mm (standard)
xxx	any HL in mm (e.g. 050 = 50 mm)