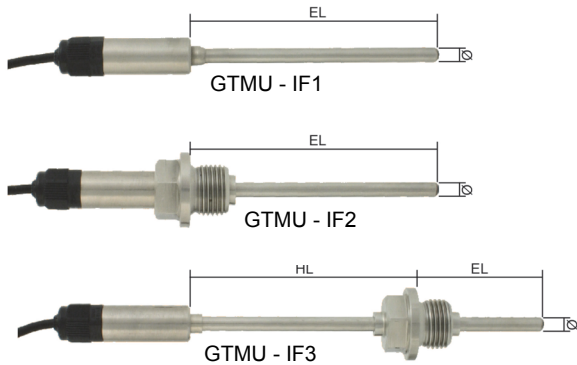


Product Information

Temperature

Temperature Transmitter GTMU - IF



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

Characteristics

The GTMU-IF is designed for long-term monitoring of temperatures. It is particularly suitable for narrow and difficult to access measuring points due to its compact design.

The temperature transmitter GTMU-IF has an internal Pt1000 sensor that measures the temperature. The measured values are output via linearized 4..20 mA signal.

The housing of the sensor module is made of stainless steel and is therefore optimally protected against corrosion. The modules can be modified according to customer requirements.

Technical data

	GTMU - IF1	GTMU - IF2	GTMU - IF3
Measuring range	-30.0..+100.0 °C	-30.0..+100.0 °C	-70.0..+400.0 °C
Sensor element	Pt1000 sensor		
Accuracy	electronics: ±0.2 % of m.v. ±0.2 °C sensor element: DIN class B		
Working temperature	-25..+70 °C (electronics in cable sleeve)		
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
Probe diameter (standard)	Ø 6 mm	Ø 6 mm	Ø 6 mm
Housing	stainless steel V4A (potted)		

Dimensions

Cable sleeve : Ø 15 x 35 mm (without threaded connection)

Ordering code

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

1. Design type	
IF1	without thread
IF2	with tread G ½
IF3	with tread G ½ and neck tube
2. Measuring range	
MB1	-30.0..+100.0 °C (standard IF1 and IF2)
MB2	-70.0..+400.0 °C (standard IF3)
MBx	other ranges upon request, indicate measuring range separately) (max. possible meas. range: -200..+500 °C)
3. Fitting length EL	
0050	50 mm (standard IF3)
0100	100 mm (standard IF1 and IF2)
xxxx	any EL in mm (e.g.: 0700 = 700 mm)
4. Probe diameter D	
D4	Ø 4 mm
D5	Ø 5 mm
D6	Ø 6 mm (Standard)
D8	Ø 8 mm
5. Process connection (only at design IF2 and IF3)	
G1	G ½ (standard)
G2	G ¼
G3	G ¾
G4	G ⅙
G5	G ⅜
M8	M8x1
M0	M10x1
M4	M14x1,5
6. Length of neck tube HL (only at design IF3)	
100	100 mm (standard)
xxx	any HL in mm (e.g.: 200 = 200 mm)

Accessories

Programming tool for GTMU-IF

- The programming tool contains
- a multilingual configuration software
 - USB interface adapter for GTMU-IF

Option

Sensor element 1/3 DIN class B or class A on requirement.