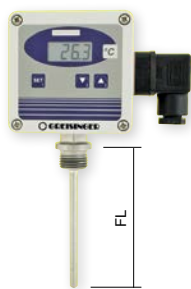


FREELY SCALEABLE TEMPERATURE TRANSDUCER PT1000



GTMU-MP-AP1
for direct screw connection
Standard type:
G = ½", FL = 100 mm, D = 6 mm



GTMU-MP-AP2
for high temperatures
Standard type:
G = ½", HL = 100 mm,
FL = 100 mm, D = 6 mm



GTMU-MP-AP3
indoor / outdoor probe
for direct wall mounting
Standard type:
FL = 50 mm, D = 3 mm



GTMU-MP-AP4
duct probe
Standard type:
FL = 100 mm, D = 6 mm



GTMU-MP-SHUT
with heat-
protective shield


GTMU-MP-AP1

Art. no. 607145

GTMU-MP-AP2

Art. no. 602820

GTMU-MP-AP3

Art. no. 602214

GTMU-MP-AP4

Art. no. 606675

GTMU-MP-SHUT

Art. no. 605012

General:

Temperature transducer (measuring range of -50 ... +400 °C) for:

- nearly all kinds of applications
- output signal freely scalable
- on site temperature display
- user-adjustment possible

Specifications:

Measuring range: -50.0 ... +400.0 °C, free scaleable (The probe length FL has to be chosen long enough, that the allowable temperature of the case and the electronics of 70 °C is not exceeded!)

Accuracy: (bei 25 °C)

Temperature display: ±0.4 % of measuring value ±0.2 °C

Output signal: ±0.2 % FS (compared to display)

Probe: Pt1000, 2-wire, DIN class B

Output signal: 4 ... 20 mA (2-wire), freely scaleable

Auxiliary energy: 12 ... 30 VDC or 18 ... 30 VDC (for output: 0- ... V)

Reverse voltage protection: 50V, permanently

Permissible impedance (at 4 ... 20 mA): $R_A [\Omega] \leq (U_V [V] - 12V) / 0.02 A$

Permissible load (at 0 ... 1(10)V): $R_L [\Omega] > 3000 \Omega$

Display: approx. 10 mm high, 4-digit LCD-display

Working temperature: -25 ... +70 °C (electronic)

Storage temperature: -25 ... +70 °C

Relative humidity (electronic): 0 ... 95 % RH (non-condensing); If there is a risk of condensation due to temperature changes, please use our encapsulated or lacquered types (option).

Type SHUT: Heat protective shield / weather protective shield;
Application: for highly precise outdoor measurements, strong solar radiation and rain without measurement falsification;
Design: Weather protective shield made of plastic, Ø 110 mm, heights approx. 140 mm. Wall mounting panel made of stainless steel with 3 mounting holes for screws with maximal shaft diameter 5 mm. Largest overhang 160 mm.

Housing: ABS (IP65)

Probe tube: stainless steel

Electric connection: elbow-type plug acc. to EN 175301-803/A (IP65)

Mounting: 4 housing holes for wall mounting or by means of plastic tube clamps for duct mounting

Functions: min-/max-value memory, offset and slope digital adjustable, output signal freely scalable (without tools)

Scope of supply: Device, manual

Accessories and spare parts:
VAW

Art. no. 610765

Mounting clip for VA-angle at „SHUT“



GTMU-MP - 1 - 2 - 3 - 4 - 5 - 6 - 7

Greisinger		
1.	Version	
	AP1	With process connection for direct installation
	AP2	For higher temperatures, with process connection and extension tube
	AP3	Indoor/outdoor temperature sensor for direct wall mounting
	AP4	Channel sensor with probe tube outlet centrally and vertically downward
	SHUT	Radiation cap / weather protection incl. „LACK“
2.	Output signal	
	AA1	Analogue output 4 ... 20 mA
	AV1	Analogue output 0 ... 10 V
	AV01	Analogue output 0 ... 1 V
3.	Fitting length EL	
	050	50 mm, Standard A3
	100	100 mm, Standard A1, A2, A4 (surcharge per 100 mm started after 100 mm)
	150	150 mm
	200	200 mm
		weitere auf Anfrage
4.	Probe diameter D	
	D03	Ø3 mm, Standard A3
	D04	Ø4 mm
	D05	Ø5 mm
	D06	Ø6 mm, Standard A1, A2, A4
	D08	Ø8 mm
5.	Process connection	
	G1	G ½
	G2	G ¼
	G3	G ¾
	G4	G ¾ A
	M5	M5
	M6	M6
	M8	M8
	M10	M10
	M12	M12
	N1	NPT ½"
6.	Extension tube length	
	070	70 mm
	100	100 mm, Surcharge per 100 mm started after 100 mm
7.	Options	
	000	Without option
	LACK	Coated PC Board

further upon request