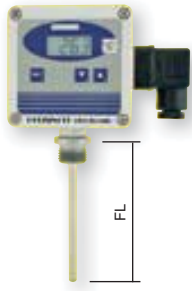
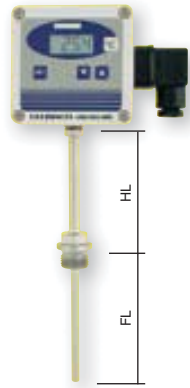


Freely scaleable temperature transducer Pt1000



GTMU-MP-AP1
for direct screw connection

Standard type:
G = 1/2", FL = 100 mm, D = 6 mm



GTMU-MP-AP2
for high temperatures

Standard type:
G = 1/2", 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
• on site temperature display
• output signal freely scaleable
• user-adjustment possible

Specifications:	
Measuring range:	-50.0 ... +400.0 °C, free scaleable (<i>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!</i>)
Accuracy: (at 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:	50 V, permanently
Permissible impedance (at 4-20 mA):	$R_x [\Omega] \leq (U_v [V] - 12V) / 0.02 A$
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 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 scaleable (without tools)
Scope of supply:	Device, manual

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

Greisinger	
1.	Design type
	AP1 With process connection for direct screw
	AP2 For higher temperatures, with process connection and neck tube
	AP3 Indoor/outdoor temperature sensor for direct wall mounting
	AP4 Duct sensor with sensor tube outlet centrally and perpendicularly down
	SHUT Heat protective hat
2.	Output signal
	-AA1 Analog output 4 ... 20 mA
	-AV1 Analog output 0-10 V
	-AV01 Analog output 0-1 V
3.	Fitting length EL
	-050 50 mm,
	-100 100 mm,
	-100 100 mm,
	-200 200 mm
	-200 200 mm
	-300 300 mm
	-400 400 mm
	-600 600 mm
4.	Probe diameter D
	-D03 Ø 3 mm,
	-D04 Ø 4 mm
	-D05 Ø 5 mm
	-D06 Ø 6 mm,
	-D08 Ø 8 mm
5.	Thread
	-G1 G 1/2,
	-G2 G 1/4
	-G3 G 3/4
	-G5 G 3/8
	-M5 M5
	-M6 M6
	-M8 M8
	-M0 M10
	-M2 M12
6.	Length of neck tube
	-070 70 mm
	-100 100 mm,
7.	Options
	-000 Without option
	-LACK Encapsulated PC Board

others on request