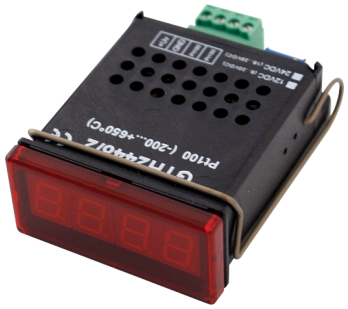
Produktinformation

Digital Temperature Panelmeter GTH2448



- **Input types Pt100, PT1000 or thermocouple type K.**
- **Easy assembly using spring clip**
- **No configuration necessary**
- **Power supply 8..29 V DC**

Characteristics

The GTH2448 is an economical solution for the indication of a process temperature.
Connectable temperature sensors depending on the version, are Pt100, Pt1000 or thermocouple type K.
The devices do not require any configuration. The adjustment of the input types Pt100 and Pt1000 is made using a spindle trimmer on the back of the device.
The device supply voltage can be adjusted to 12 or 24 V DC via a solder bridge.

Technical Data

Power supply

Supply voltage	:	12 V DC (8 -20 V DC) or 24 V DC (18-29 V DC), selectable using solder brige
Power consumption	:	< 20 mA
Working temp	:	0..+50 °C
Lagertemperatur	:	-20..+85°C
CE-conformity	:	EN 61326-1

Measuring Input

Measuring rate	:	appr. 3 samples /sec.
Nominal temperature	:	25 °C

Accuracy

GTH2448/1	:	< 1% ± 1 Digit (-20..+550°C or 920..1150°C); < 1.5 % ± 1 Digit of 550..920°C
GTH2448/2; /3; /5	:	± 0.5°C ± 1 Digit

Resolution

GTH2448/1; /2	:	1 °C
GTH2448/3: /5	:	0.1°C

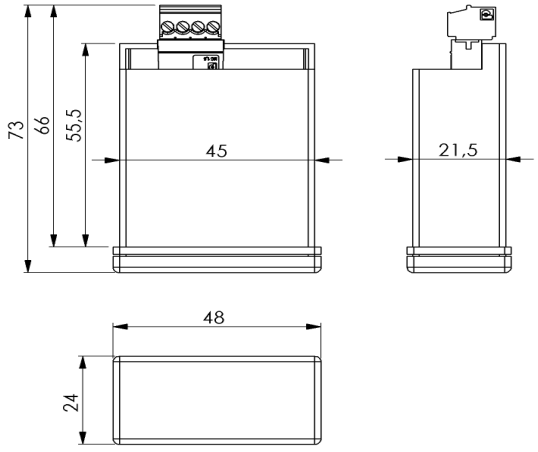
Display

Size/ colour	:	3 ½ Digit, red
Decimal point	:	GTH2448/1+/2 without GTH2448/3+/5 1 Digit, fixed
Digit high	:	10 mm
Case	:	Panel case DIN 24 x 48 mm, mounting depth 65 mm (incl. Screw terminals)
Materials	:	Glass fibre reinforced Noryl, front plate PC
Panel fixing	:	VA spring clip for panel thickness 1.. appr. 10 mm
Panel cut-out	:	21.7+0.5 x 45+0.5 mm
Connection	:	4-pin screw / plug-in terminal for 0.14 to 1.5 mm² wire
Weight	:	42 g
Protection class	:	Front IP54 (IP65 with optional O-ring)

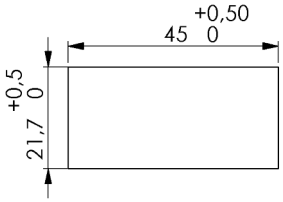
Measuring range to version

Version	Input signal	Measuring range	Note
GTH2448/1	Thermocouple	50..+1150 °C	NiCr-Ni, Typ K
GTH2448/2	Pt100	-200..+650°C	2-wire
GTH2448/3	Pt100	-60,0..+199,9 °C	2-wire
GTH2448/5	Pt1000	-60..+199,9 °C	2-wire

Dimensions

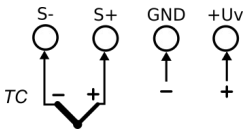


GTH2448

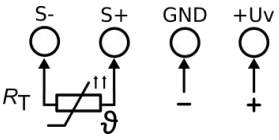


Panel cut-out

Connection diagram



GTH2448/1



GTH2448/2; /3; /5

https://www.ibericadeautomatismos.com/producto/gth2448-indicador-de-panel-de-temperatura/

Produktinformation

Ordering code

	1.	2.	3.
GTH2448	-	-	-

1.	**Input type**	
	/1	Typ K (-50..+1150 °C)
	/2	Pt100 (-200..+650 °C)
	/3	Pt100 (-60..+199,9 °C)
	/5	PT1000 (-60..+199,9 °C)
2.	**Supply voltage**	
	DC1	24 V DC (18..29 V DC)
	DC2	12 V DC (8..20 V DC)
3.	**Version**	
	GE	Standard

Accessories

Article No.	Ordering Code	Designation
602911	GGD-2448SET-GN	O-rings (2 pcs) for front, Protection class IP65