

Produktinformation

Digital Standard Signal- Panelmeter GIA2448 / GIA2448WE



- Voltage signals: 0..200 mV; 0..1 / 2/10/20 V DC
- Current signals: 0..20 mA; 4..20 mA
- Easy assembly using spring clip
- Power supply 8..29 V DC
- with pre-set ex works: GIA2448WE

Characteristics

The GIA2448 is an economical solution for the indication of different process values of transmitters in field or PLC values. Transmitters in 2-, 3- or 4-wire therefore can be connected. The measuring ranges are 0..200mV, 0..1V, 0..2V, 0..10V, 0..20V, 0..20mA or 4..20mA to choose from. The device supply voltage can be adjusted to 12 or 24 V DC via a solder bridge. As GIA2448WE version, the device is pre-set to customer specifications at the factory.

Technical Data

Power supply

Supply voltage	: 12 V DC (8 -20 V DC) or 24 V DC (18 -29 V DC), selectable using solder bridge
Power consumption	: < 20 mA
Working temperature	: 0..+50 °C
Lagertemperatur	: -20..+85°C
CE-conformity	: EN 61326-1
Input resistance	:
Voltage	: appr. 100 kOhm / V Input signal range (e. g. Input Signal 0..10 V: appr. 1 MOhm)
Current	: appr. 20 Ohm

Measuring input

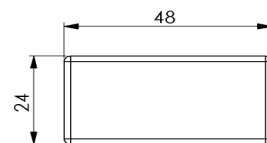
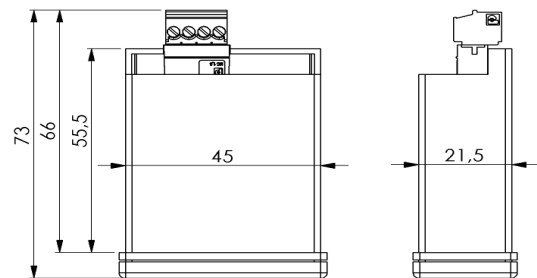
Measuring rate	: appr. 3 samples /sec.
Nominal temperature	: 25 °C
Accuracy	: ±0.2% ±1Digit

Indication

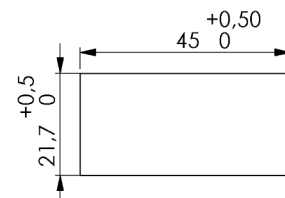
Indication range	: -1999..+1999 Digit, max.
Measuring span	: 100..3998 Digit
Zero point adjustment	: +/- of set measuring span, max.
Decimal point	: settable with solder bridge (10th, 100th, 1000th place)
Size/ colour	: 3 ½ Digit, red

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)

Dimensions

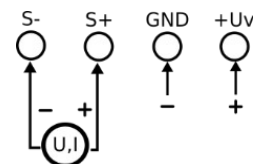


GIA2448



Panel cut-out

Connection diagram



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Ordering code

1. 2.
GIA2448 - -

1.	Supply voltage
00	12/24V DC (8..29 V DC)
2.	Version
GE	Standard

1. 2. 3. 4.
GIA2448WE - - - -

1.	Supply voltage
DC1	8..20 V DC
DC2	18..29 V DC
2.	Input Signal
E6	0..20 mA
E1	4..20 mA
E2	0..10 V
E7	0..20 V
xx	on request
3.	Indication range
Axxxxx	according to order
4.	Version
GE	Standard

Information required by ordering:

Input signal, scaling (start and end value), decimal point and supply voltage.

Example:

GIA2448WE: input signal : 4..20 mA
 Scaling : 4 mA = -50.0,
 20 mA = 100.0
 Auxiliary voltage : 12 V DC