

Self-supplying plug-in display for 4-20mA measuring transducer
no auxiliary energy source required - device will tap from loop current.

GIA 0420 VO

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EX-protection EEx ib IIC T4
(PTB no. Ex - 97.D.2042)

Specification:

Input signal: 4-20mA
Polarity: no polarity needs to be observed for installation
Voltage load: approx. 3V
Accuracy: ± 0.2%
Display: 10mm high LCD
Display range: -1999 up to +9999
Decimal point: any position
Scale: freely adjustable via 3 buttons (accessible after cover has been removed)
Measuring rate: approx. 3 measurements / sec.
Filter: can be switched on in 3 stages
Limit: LI0: Values above/below range permissible
LI1: Values above/below range not permissible
Electric connection: special-adaptor design for cubic plug DIN 43650 for simple plug-in wherever required. 2 screws (68 and 75 mm) included in scope of supply.
Housing: 48.5 x 48.5 x 35.5 (H x W x D)
maximum dimensions by means of special adapter: 50.5 x 90 x 39.5 (H x W x D), housing made of ABS (impact resistant plastic), transparent panel made of polycarbonate, (splash water-proof IP65)
Working temperature: 0 to 50°C
Temperature drift: 100 ppm

CE in accordance with EN 50081-1 and EN 50082-2 for unrestricted use in residential and industrial areas.

- no polarity
- no auxiliary energy source required - device will tap from 4 to 20 mA loop current.
- scale freely adjustable 'on site' within seconds, no auxiliary devices required
- can be turned to any position, fits in any position regardless of transmitter location
- large display range from -1999 to 9999 Digit.
- maximum accuracy and minimum temperature drift
- large, 10 mm high LCD
- plug-in wherever required and device will be ready! The quickest way possible to get an "on site display" for your 4 to 20mA measuring transducers.
- monitoring for probe damage, probe short circuit, values above/below permissible limit
- steady display even if transmitter signal is disturbed: due to software filters (can be switched on/off)
- state of the art micro processor technology
- voltage load approx. 3 Volt only
- meets even strictest CE requirements. (EN50082-2 a. EN50081-1)

GIA 0420 WK



Specification:

as GIA 0420 VO however

Electric connection: connection to any standard signal source (4-20mA) via 0.5m connection cable. Housing with mounting holes can be mounted to any surface whatsoever.