

Process displays

For current loop 4...20 mA
Supplied by current loop

PA210



Features

- Current input 4...20 mA
- Display range can be linearised
- Easy programming
- LED display, 4 digits and programmable
- DIN housing 48 x 24 mm

PA210 - Process display

Technical data - electrical ratings

Voltage supply	Supplied by active current loop - voltage drop <5 VDC
Display	LED, 7-segment display (with 60 unit stickers for front)
Number of digits	4-digits
Digit height	10 mm
Display range	-1999...9999 ("OuE" to signal overflow)
Display refresh	500 ms
Function	Digital display of 1 analog measured value
A/D transformer	Principle $\Sigma\Delta$ Resolution 16 bit Measuring rate 62/s Measuring accuracy $\pm(0.1\% + 3\text{-digit})$ Temp. coeffic. 100 ppm/°C
Analog input	Current input
Programmable parameters	Display range can be linearised Decimal point
Limits	Without
Data memory	>10 years in EEPROM
Standard DIN EN 61010-1	Protection class II Overvoltage category II Pollution degree 2
Emitted interference	DIN EN 61000-6-3
Interference immunity	DIN EN 61000-6-2

Technical data - mechanical design

Ambient temperature	-10...+60 °C
Storage temperature	-25...+85 °C
Relative humidity	95 % non-condensing
Connection	Spring-loaded terminal connector, detachable
Core cross-section	1 mm ² (Grid 2.54) 2.5 mm ² (Grid 7.62)
Protection DIN EN 60529	IP 65 (face)
Operation / keypad	3 softkeys below bezel
Housing type	Built-in housing
Dimensions W x H x L	48 x 24 x 68 mm
Cutout dimensions	45 x 22.2 mm (+0.3)
Mounting depth	57 mm
Mounting type	Front panel installation by clip frame
Weight approx.	50 g
Material	Housing: Polycarbonate, UL 94V-0

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Part number

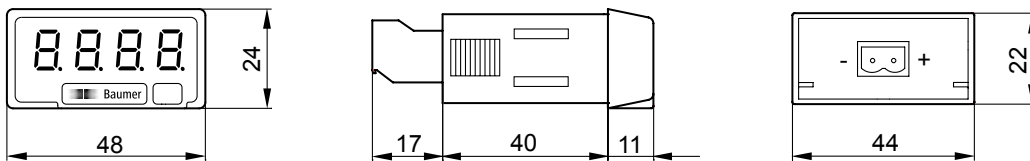
PA210.009AX01

Inputs and outputs

Signal	Resolution	Input resistance
4...20 mA	0.01 mA	10 Ω

Dimensions

PA210 - without clip frame



PA210 - clip frame mounting

