

Process displays

For voltage

PA213



Features

- Voltage input 8...32 VDC
- Capable of battery voltage display
- Supply via measured voltage
- LED display, 3 digits
- DIN housing 48 x 24 mm

PA213 - Process display

Technical data - electrical ratings

Voltage supply	Supplied by the measured voltage
Power consumption	1.8 W
Display	LED, 7-segment display (with 60 unit stickers for front)
Number of digits	3-digits
Digit height	10 mm
Display range	8...32 ("OuE" to signal overflow)
Display refresh	500 ms
Function	Digital display of 1 analog measured value
A/D transformer	Ramp Resolution 14 bit Measuring rate 166/s Measuring accuracy $\pm(0.1\% + 3\text{-digit})$ Temp. coeffic. 100 ppm/°C
Analog input	Supply 8...32 V Resolution 0.1 V
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

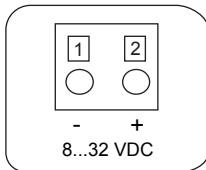
Technical data - mechanical design

Ambient temperature	-10...+60 °C
Storing 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)
Installation depth	57 mm
Mounting	Front panel installation by clip frame
Weight approx.	50 g
Material	Housing: Polycarbonate, UL 94V-0

Part number

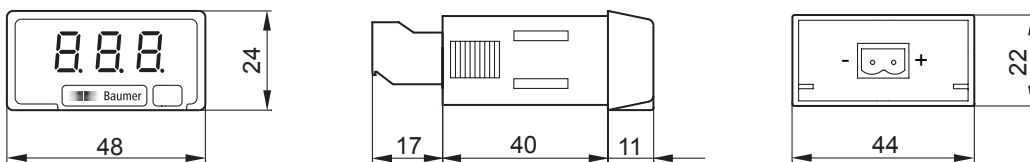
PA213.009AX01

Connection diagram



Dimensions

PA213 - without clip frame



PA213 - clip frame mounting

