

Process displays electronic

Für Normsignale, mit 2 Grenzwerte

LED display, 4-digits, programmable

PA400



PA400 - Process display

Features

- Strom- oder Spannungseingang ± 20 mA, ± 10 V
- Anzeigebereich linearisierbar und Stabilisierungsfilter
- Zwei Grenzwerte als Alarmausgang
- Two limits as relay output
- Sensorversorgspannung
- LED-Anzeige, 4-stellig und programmierbar
- DIN-Gehäuse 48 x 96 mm

Technical data - electrical ratings

Voltage supply	24 VAC ± 10 % (50/60 Hz) 115 VAC ± 10 % (50/60 Hz) 230 VAC ± 10 % (50/60 Hz) 21...32 VDC
Power consumption	5 VA, 3.5 W
Sensor supply	20 VDC ± 25 % / max. 30 mA
Display	LED, 7-segment display (with 100 label units)
Number of digits	4-digits
Display range	-9999...9999 ("OuE" als overflow Anzeige)
Display refresh	250 ms
Digit height	14 mm
Function	Digital display of 1 analog measured value
A/D-Wandler	Prinzip $\Sigma\Delta$ Resolution 16 bit Messrate 25/s Messgenauigkeit $\pm(0,1 \% + 3 \text{ Digit})$ Temp. coeffic. 100 ppm/°C
Analogue input	Strom- oder Spannungseingang
Programmable parameters	Measuring range Anzeigebereich linearisierbar Decimal point Verzögerung oder Hysterese für Relaisausgänge
Data memory	>10 years in EEPROM
Outputs relay	Potential-free change-over contact
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	Stecker abziehbar
Core cross-section	1.5 mm ²
Protection DIN EN 60529	IP 65 (face)
Operation / keypad	Membrane with softkeys
Housing type	Built-in housing
Dimensions W x H x L	96 x 48 x 96 mm
Cutout dimensions	92 x 45 mm (+0.3)
Installation depth	83 mm
Mounting	Front panel installation by clip frame
Weight approx.	250 g
Material	Housing: Polycarbonate, UL 94V-0

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Part number

PA400.0 AX01

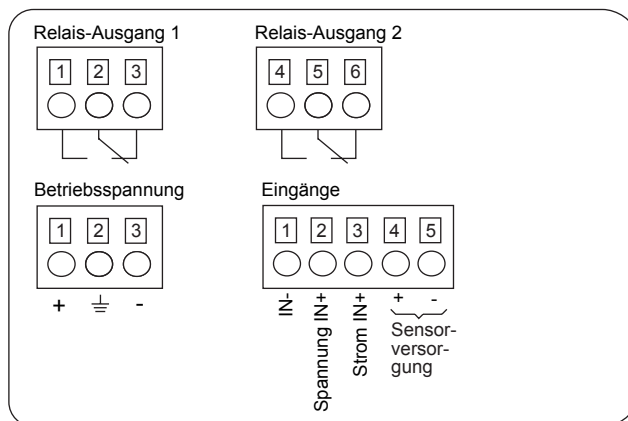
Voltage supply

- 1 24 VAC
- 3 115 VAC
- 4 230 VAC
- 5 21...32 VDC

Outputs

- 0 Without output
- 1 Relay outputs

Connection diagram



Dimensions

