chanhvinh.com

Indicator for Standard Signals, Temperature / Setpoint generator

2 limit presets, 1 relay output, 1 analog output 4-20 mA, 1 setpoint generator 4-20 mA
LED display « WHITE », 4 digits, 14 mm high
DIN housing 48 x 96 mm

PA406



PA406

Highlights

- **Display configurable in indicator**
  - **for process signals** in voltage ±10 V or current ±20 mA
    in voltage ±200 VDC
  - **for temperature sensors** PT100-3 wires
    thermocouple J, K, T and N
- **Display 4 digits, LED WHITE 14 mm**
  from -9999 to 9999, decimal point programmable
- **Functions MINI, MAXI**
- **2 limit presets - 1 relay output**
- **Analog output 4-20 mA**
- **Sensor excitation 24VDC ±3V - 30mA**
- **Universal supply : 20 at 265 VDC / VAC**
- **Only one part number – Everything is integrated**

Technical data

Display

Refresh time	50 ms
Capacity Overflow indicated by "oUEr"	
Delivered with a set of 50 adhesive "units" labels	

Input Signal

Asymmetric differential configuration

Process Input

Signal	Resolution	Impedance
±10 V	1 mV	2 MΩ
±200 VDC	20 mV	2 MΩ
±20 mA	2 µA	20 Ω

Excitation	24 VDC ± 3 V / 30 mA

Temperature Input

Cold solder compensation for TC	-10C à +60°C
Excitation current Pt100	1 mA
Max. resistance maxi of the cables	40 Ω
Scale	°C ou °F
Resolution	0,1° ou 1°
Offset	-9,9° à 9,9° to -99° à 99°

Entrée	Plage de température
TC. J	-150°C à +1100°C
TC. K	-150°C à +1200°C
TC. T	-150°C à +400°C
TC. N	-150°C à +1300°C
PT100	-200°C à +800°C

Precision

Max. error	±(0,1% + 3 digits)
Warm-up Time	5 min

Input Signal's A/D Conversion

Technical	ΣΔ
Resolution	16 bits
Rate	20/s

MINI, MAXI Functions

The MIN and MAX functions permanently record the respective minimum and maximum values of the measurement.

Setpoint generator 4-20 mA

To generate, on the analog output, a setpoint 4-20mA controlled directly with the Up / Down keys or by a keyboard input.

Relay output with change-over contact

Operating mode programmable :
- alarm on level low, level high, levels low and high
- action delayed by timeout
- asymmetrical hysteresis

Switching performance max.	260 VAC / 1A / 150 VA

Universal supply

20 à 265 VDC or 20 à 265 VAC

Power consumption	3 W
Weight	150 g
Operating Temperature	-10 °C … +60°C
Front protection	IP65
Dimensions	48 x 96 x 90 mm
Cutout dimensions	45 x 93 mm
Built-in housing	Front panel installation by clip frame

Connection

Spring-loaded terminal connector, detachable, core cross-section 1,5 mm^2 max.

Standard DIN EN 61010-1	Protection class II Overvoltage category II Pollution degree 2
Emission & immunity	DIN EN 61326-1
Conformity	CE

Part number

PA406.0F8AX01

Accessories

ZPA4.001	Accessory for DIN rail mounting

15.09.2017 Sous réserve de modifications techniques ou d'erreurs.

Baumer

Baumer SAS
363 route des Martinets • 74250 FILLINGES • Tél 0 450 392 466 • sales.fr@baumer.com
www.baumer.com