

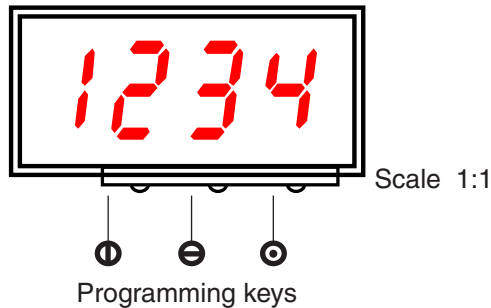
Programmable Display

For inductive and potentiometric transducers

Series PAS 24

Document no.: PAS 11039 DE

Date: 30.10.2014



- For 5 different analogue signals
- 4 good visible decades
- Small size programmable with 3 keys
- For installation to front panel 24 x 48 mm
- Display can be calibrated and scaled

Electrical data

- Measuring range and resolution:
 - ± 200 V / 100 mV □ ± 20mA / 10 uA
 - ± 20 V / 10 mV
 - ± 10 V / 1 mV
 - ± 0,1 V / 0,1 mV
- Display range: -1999 bis 9999
- Height of digits: 10 mm
- Input resistances:
 - Inputs 10/20/200 V 1 MΩ
 - Input 0.1V / 100 MΩ
 - Current input 12,1 Ω
- Supply voltages
 - 85 to 265 VAC 50/60 Hz and 100 - 300 VDC
 - 21 to 53 VAC 50/60 Hz and 10.5 - 70 VDC

Cabinet and environment

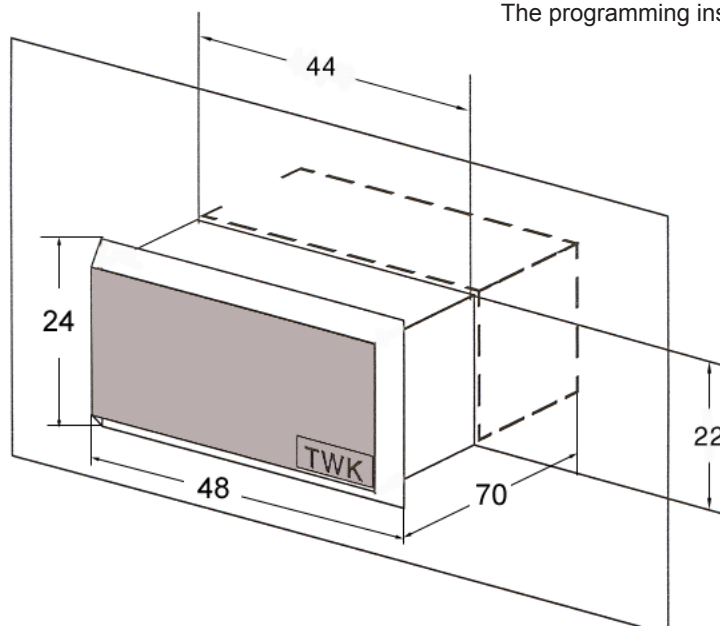
- Measures: 24 x 48 x 70 mm
- Weight: 50 g
- Material: Polycarbonat
- Fire protection: UL 94 V0
- Protection grade of front plate: IP 65
- Temperature range: -10 bis 60 °C
- Electrical connection: Plug on rear side

Programming

The measuring ranges 0,1V, 10V and 20mA can be programmed by the user. Two points of the input signal will be entered (e. g. 2V and 9,5V) they get a display value programmed (e. g. 0,0 and 200,0). The internal microcontroller calculates all display values accordingly.

The ranges 200V and 20 V do not require programming. The input voltage is displayed directly.

The programming instruction is on page 2.

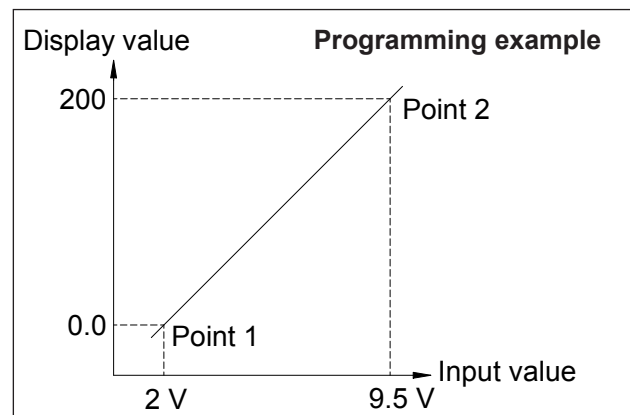
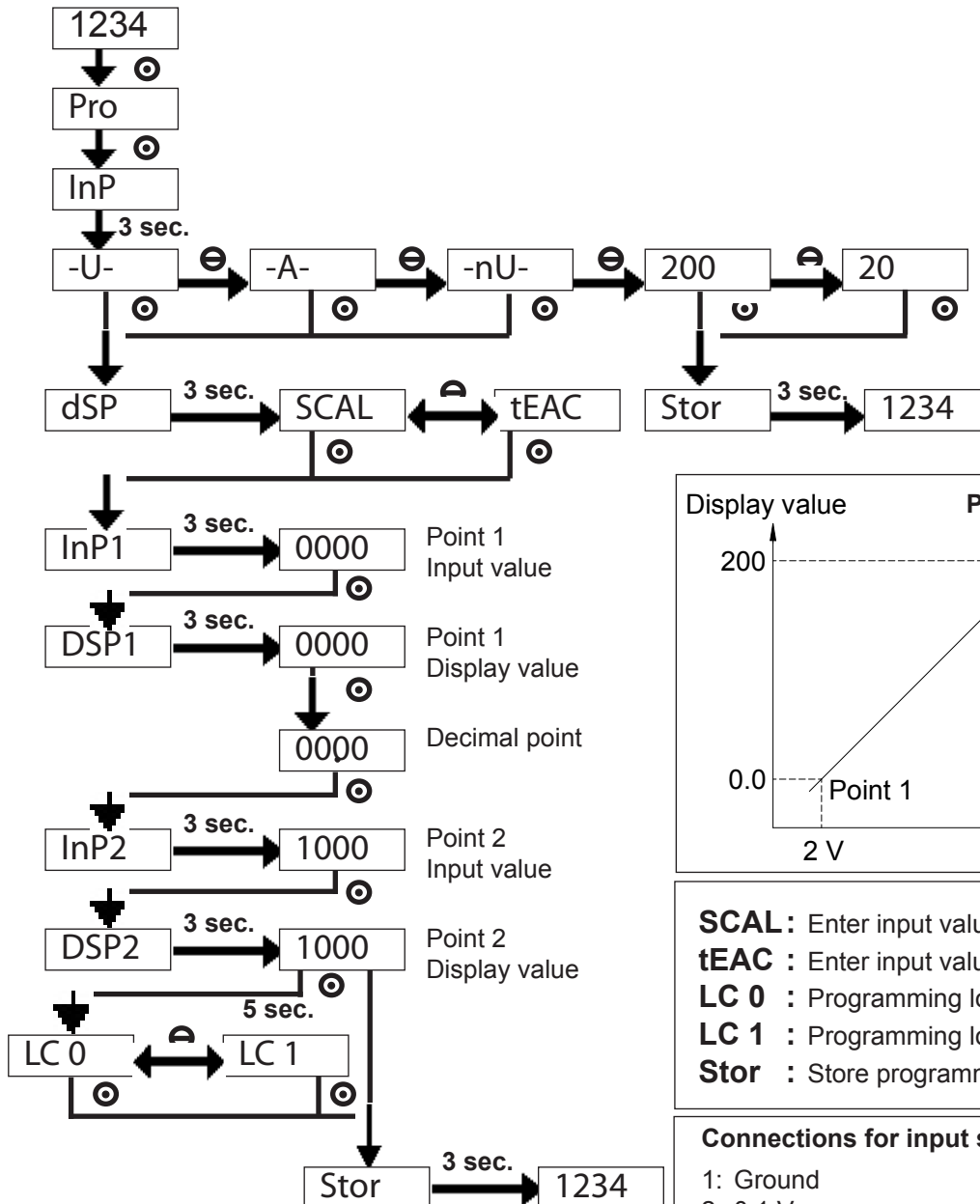


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Programming procedure

Three keys at the bottom of the cabinet:

- ⊙ ENTER: Enter the programming mode. Confirm the entry
- ⊖ SHIFT: next mode, next number
- Ⓜ UP: flashing digit is increased ... 8,9,0,1, ...



SCAL : Enter input values manually
tEAC : Enter input values from sensor
LC 0 : Programming lock deactivated
LC 1 : Programming lock activated
Stor : Store programming, duration 3 sec.

Connections for input signals:

- 1: Ground
- 2: 0.1 V
- 3: 20 mA
- 4: 10 / 20 V
- 5: 200 V

Security advice:

The installation needs to be in compliance to the security regulations. Supply cables are to be separated from signal cables. The connection to the mains supply must be carried out only by trained specialist personnel.

Where the unit is permanently connected to the main supply and to meet the requirements of EN61010-1 Directive, it is obligatory to install a circuit breaker device easy reachable to the operator and clearly marked as a protection device.

CLEANING: Frontal cover should be cleaned only with a soft cloth soaked in neutral soap product.

DO NOT USE SOLVENTS.

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Ordering code format

PAS	24	P	-	1	-	E01
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01 Electrical / mechanical variant

Supply:

1 Mains connection

4 Low voltage

P Kind of display

24 Size of housing

PAS Series