

Programmable position indicator for incremental angle and displacement sensors model PAS 49MI ... E20



- Input: incremental A and B
- **Microprocessor controlled for a wide range of functions**
- Display can be calibrated and scaled
- 5 Decades segment height 14 mm
- **Implemented supply for sensor**
- Additional options available
- For installation to front panel 48 x 96 mm
- Connection via clamp contact

Features

The display has 5 decades. It allows for a display range of -19999 to 99999. The programming is done on 3 keys on the front. The position of decimal point is free programmable. The colour of the display can be selected to be red, green or yellow.

Microprocessor controlled

All parameters are stored in a non volatile memory (EE-Prom) thus they are active after switching off and on. The calibration of the device is done during production so that the user does not need to carry out adjustments. The configuration and adaptation to the sensor is done on the front keys.

Construction: Plug & Play

The modular construction allows the implementation of additional functions as required by the application. The internal micro processor detects the availability of all additional boards and activates the software menus accordingly. So the user is not bothered with useless parameters.

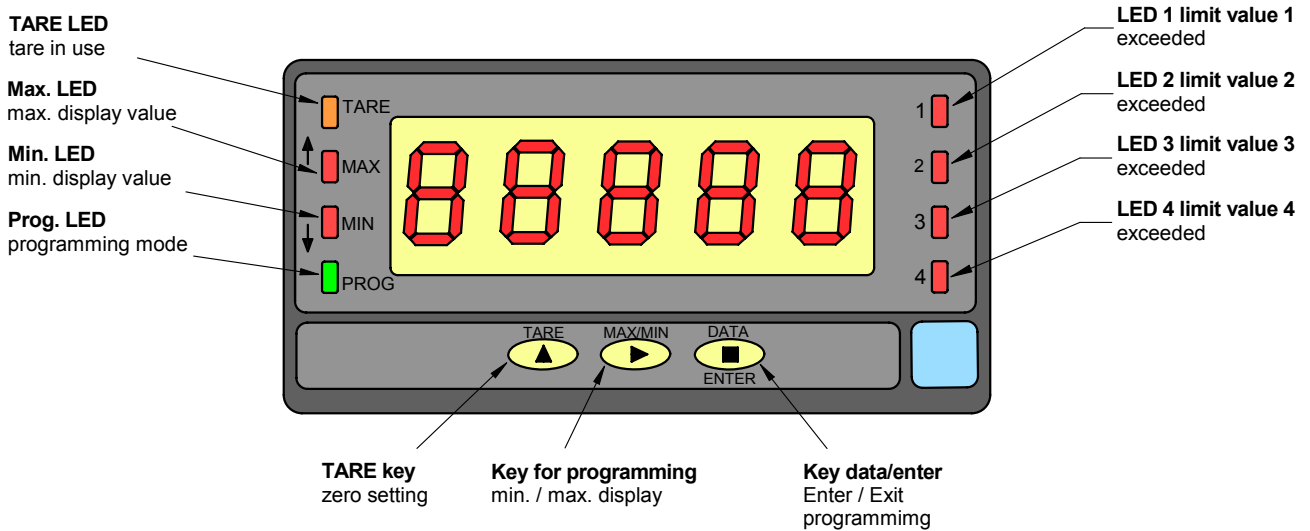
Following options can be plugged in

- RS 232 / RS 485 Interface
- Programmable analog output
- 2 change-over relays
- 4 standard relays

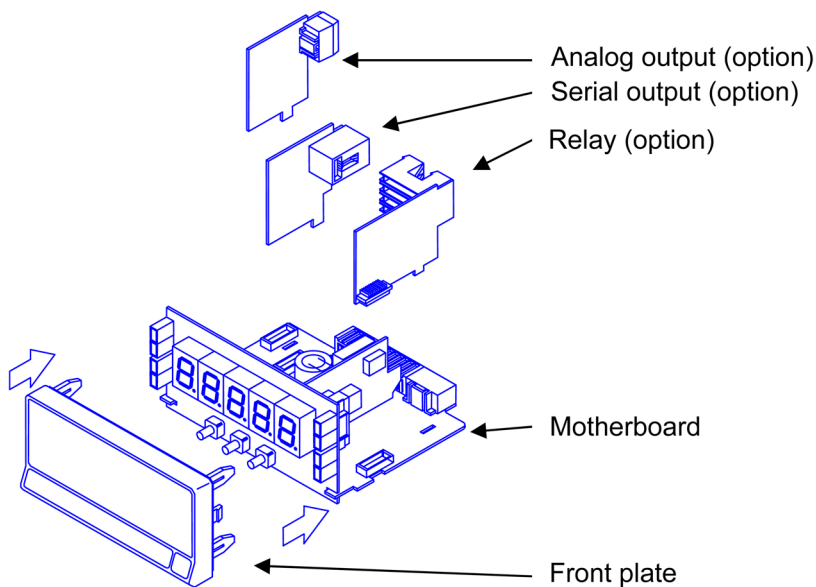
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Assignment of keys, Installation view

Model PAS 49MI view to LEDs and keys



View of implementing the options for analog output, serial output and relay



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Option Description

Short description of options

Option	Every slot can only be used once - some options are alternatively	Slot no.
2RE	2 x change-over relays 8 A / 250 VAC or 150 VDC Programmable on keys with delay or hysteresis. Activation by over or under going of programmed limit value.	A5
4RE	4 x relays 0,2 A / 250 VAC or 50 VDC Programmable on keys with delay or hysteresis. Activation by over or under going of programmed limit value.	A5
NMA	Analogue output 4 - 20 mA Output proportional to display value.	A4
NMV	Analogue output 0 - 10 VDC Output proportional to display value	A4
RS2	RS 232 serial interface transmission / change of Min- , Max- , tareand limit values. Baud rate: 1200, 2400, 4800, 9600, 19200	A1
RS4	RS 485 serial interface transmission / change of Min- , Max- , tareand limit values. Baud rate: 1200, 2400, 4800, 9600, 19200	A1