



Microprocessor Controlled Display Unit in 28 TE Table Housing

Type PAX-TG

- Display Freely Scalable
- 5-Digit LED-Display
- Extendable with up to
3 Output Modules
- 20 Measurements/s
- Minimum-Maximum
Value Display
- 16-Step Linearity



DESCRIPTION:

This measuring amplifier is a very flexible and precise laboratory device. Sensor signals can be displayed, scaled and processed.

The device gets easily programmed by 5 keys through the user interface. Additional functions e.g. Min.-Max. memory, tare and delete memory can be carried out.

The measuring amplifier is freely scaled by the 2-point method or by applying input signals. The sensor can be easily calibrated by control keys (presumed that the sensor has 100% calibration control). Up to 16 steps linearization is possible as well.

The decimal point can be selected freely. If necessary, the display can be stabilized by a rounding factor and digital filtration.

A code avoids unintended changes of parameters.

The device can be equipped with various output interfaces. In each case the device can be equipped at the max. with a limit value output, an analog output and an interface plug-in module.

The physical unit is backlit and should be specified when placing the order.

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TECHNICAL DATA:

Type	PAXD 0000-TG	PAXD 0010-TG	PAXS 0000-TG	PAXS 0010-TG
Art. No.	101028	101029	100888	101015
Supply	85...250 V AC 50/60 Hz 15 VA	11...36 V DC 11 W or 24 V AC ±10% 50/60 Hz 15 VA	85...250 V AC 50/60 Hz 15 VA	11...36 V DC 11 W or 24 V AC ±10% 50/60 Hz 15 VA
Measuring Rate	20 Measurements/s			
Display	5-digit, Height 14 mm, red LED, device freely definable			
Sensor Side				
Excitation	24 V DC 50 mA		10 V DC 125 mA (5 V 65 mA)	
Temp. Coefficient	40 ppm/°C		20 ppm/°C	
Signal Input / Impedance	±2 V / 1.066 MΩ ±20 V / 1.066 MΩ ±20 mA / 11.1 Ω ±200 mA / 1.1 Ω		±24 mV / 100 MΩ ±240 mV / 100 MΩ	
Miscellaneous				
Service Temperature Range	0...+45 °C			
Storage Temperature Range	-40...+85 °C			
Dim. (W x H x D)	187 x 148 x 263 mm			
Weight	approx. 2.6 kg			
Level of Protection	IP 21			

Options	Art. No.	Function
DC10E	101016	Interface module RS485
DC20E	100949	Interface module RS232
DL10E	101035	Analog output 0...10 V or 0...20 V, 4...20 mA
DS10E	100950	2 limit value relays, change-over contacts
DS20E	101036	4 limit value relays closing contact
DS30E	101037	4 limit value transistor outputs NPN
DS40E	101039	4 limit value transistor outputs PNP
EXT	101040	External control: tare, delete buffer...
LPAX	On request	Device with 38 mm high LED-display
PAX-DP	110067	2 galvanically separated input channels (by active sensors)
PAX-XLS	106872	Measurement Software for Excel®, applicable with option RS232, only

For further specifications see data sheet PAX respectively PAX-DP.