Desktop Measuring Instrument

PAX-LC-TG

❍ Display Freely Scalable
❍ 5-Digit 14 mm LED-Display
❍ Min.-Max. Value Memory
❍ Active Sensors: PAX-D000B-LC-TG

❍ Programming Lock by Code
❍ Up to 20 Measurements/s
❍ Output Cards Optional
❍ Passive Sensors: PAX-S000B-LC-TG

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 via 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 adjusted by control keys (provided that the sensor has a control signal). Up to 16 steps linearization are possible as well.

The decimal point can be freely selected. 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 cards. In each case the device can be equipped at the max. with an interface card, an analog output card and a limit value relay output card.

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

Specifications

Type	PAX-S000B-LC-TG	PAX-D000B-LC-TG
Art.-No.	106789	106785
Description	Passive signals	Active signals
Mains supply	85 .. 250VAC, 50 .. 60 Hz, 15 VA	
Accuracy of measurement	0.05% ±2 digits	
Measuring rate adjustable	1 / 2 / 5 / 10 / 20 Meas/s	
Display rate	2.5	
Display dimensions	+99999 ..-19999 + unit	
Input sensitivity	±24 mV	±20V
Impedance	100 MΩ	1.066 MΩ
Excitation	10V, 125 mA	24V, 50 mA
Control key	Yes	Yes
Nominal temperature range	15 .. 35°C	
Service temperature range	5 .. 45°C	
Storage temperature range	-10 .. 60°C	
Dimensions (L x W x H)	130 x 160 x 80 mm	
Weight	700 g	
Level of protection	IP40	

Options/ Accessories

Art.-No.	Type	Description
115134	mV/V/±10V/0/4...20mA	Adjustment amplifier with simulator
100949	PAX-LC-TG-CDC20	Interface card RS232
113259	GM 80/D-SUB	RS232 D-SUB extension, 1:1, 1.8 m, with 9-pin connector and female connector
109629	GM 80/USA-19HS	RS232 - USB serial interface, 1 m
101035	PAX-LC-TG-CDL10	Plug-in analog output card 0 .. 10V or 0/4 .. 20 mA
100950	PAX-LC-TG-CDS10	Plug-in limit value relay output card, 2 x changer
101036	PAX-LC-TG-CDS20	Plug-in limit value relay output card, 4 x closer
101037	PAX-LC-TG-CDS30	Plug-in limit value transistor output card, 4 x NPN
101039	PAX-LC-TG-CDS40	Plug-in limit value transistor output card, 4 x PNP

For further specifications see data sheet PAX.