Standard signal display for current PAXLCL

- PAX Lite series digital displays
- Large series of robust digital displays for many areas of automation technology
- Individually backlit physical unit
- Simple scaling via spindle potentiometer
- 24 VDC sensor supply
- Robust injection-molded plastic housing
- High protection class IP 65

https://www.wachendorff-prozesstechnik.de/en/PAXLCL

Description

The PAXLCL display is an inexpensive display for all devices and sensors that output process signals and whose measurement results need to be displayed with high precision. It is used in almost all areas and helps to automate and simplify work processes. All physical variables that are recorded by a transducer that provides an output for 0/4 mA to 20 mA can be scaled and displayed in the desired physical unit.

Product details

Entrance:	4 -20 mA (260 steps/mA) 10 - 50 mA (105 steps/mA) Voltage drop at maximum input signal less than 600 mV for both input ranges.
Display:	3½-digit, 14 mm high LED.
Linearity:	+/- 0.05% +/- 1 digit.
Maximum load:	Indication of overrange by flashing of the last 3 digits. Maximum input current 170 mA.
Scaling:	The input range and offset are scaled via DIP switches and potentiometers. Span: Adjustable via 32 steps (binary DIP switch combination) and via potentiometer. Maximum resolution 8.125 numerical units/mA at 4-20 mA and 3.25 units/ma at 10-50 mA. Offset: Adjustable via 16 steps (binary DIP switch combination) and via potentiometer. The offset can be negative or positive. The maximum offset is +/- 2700.
Measuring rate:	2.5 measurements/second
Decimal point setting:	The setting is made via 3 DIP switches located in the device.
Backlit unit:	A physical unit can easily be attached behind the display by opening the device from behind. With the label sheet, which contains all the usual units, the user can realize his desired backlit unit. The backlighting is switched on and off via DIP switches.
Sensor supply:	24 VDC at 50 mA max.
Power supply:	85-250 VAC, ±10%, 50/60 Hz, 6 VA, switchable.
Protection class:	Jet-proof and dust-tight to IP65 from the front.

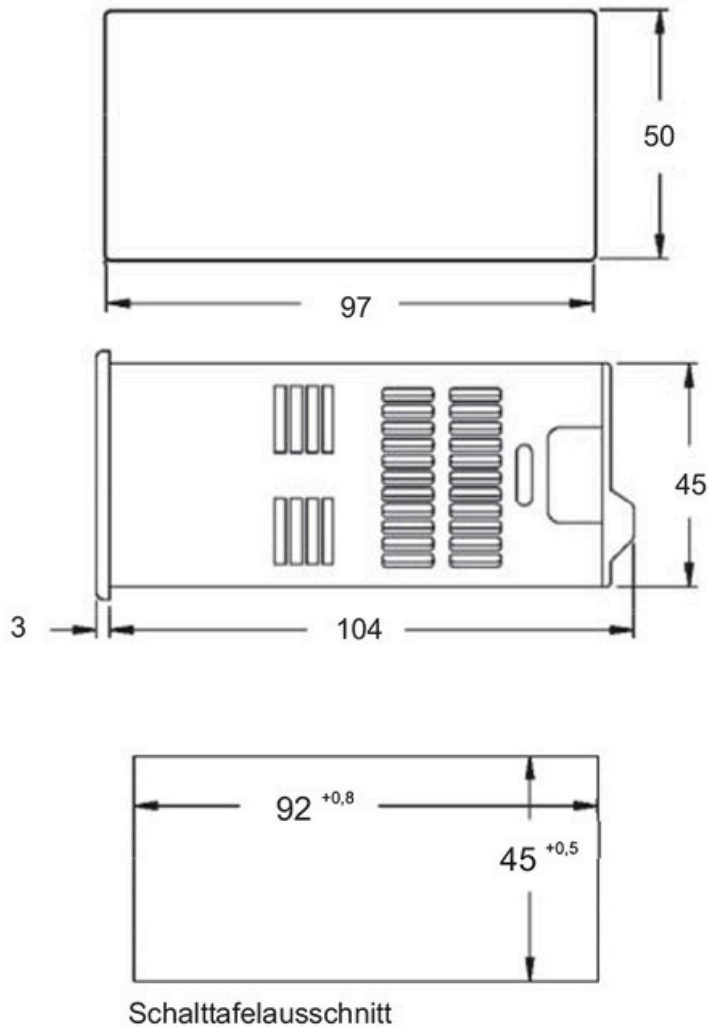|	
Housing:	Robust plastic housing. W 97 mm x H 50 mm x D 104 mm
Panel cut-out	DIN 92 mm x 45 mm
Fastening	About mounting frame with clamping screws
Connection	Via terminal strip on the rear
Ambient temperature:	Operation: 0 to 60°C. Storage: -40 to 80°C.
Weight	approx. 540 g
Scope of delivery	Device, mounting material, seal, operating instructions
Customs tariff number:	9029 20 38
Manufacturer	Red Lion Controls, USA

Products Order no.

PAXLCL00	Digital display for 4-20mA/10-50mA

Accessories Order no.

GEH0IP65	All-round IP65 aluminum housing for one device, finished with black powder coating, (WxHxD) 168 mm x 83 mm x 220 mm
PAXLBK10	Label sheet with all standard units
ENC5C000	All-round IP65 plastic housing for two devices (WxHxD) 188 mm x 188 mm x 130 mm
ENC5B000	All-round IP65 plastic housing for one device (WxHxD) 188 mm x 188 mm x 130 mm
BMK90000	Top-hat rail adapter for mounting the PAX series on a top-hat rail (WxHxD) 114 mm x 63.5 mm 133 mm
ENC5A000	All-round IP65 steel housing for one device (WxHxD) 140 mm x 83 mm x 120 mm
WTEST300	Calibrator / measuring device

Schalttafelausschnitt

Abmessungen (in mm)

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