

Voltage display PAXLV



- PAX Lite series digital displays
- Large series of robust digital displays for many areas of automation technology
- individual backlit physical unit
- Simple scaling via spindle potentiometer
- Robust injection-molded plastic housing
- high degree of protection IP 65

<https://www.wachendorff-prozesstechnik.de/en/PAXLV>

Description

PAXLITE devices are used in mechanical and plant engineering, the chemical industry, the plastics industry, the food industry, packaging and conveyor technology and many other areas, where they help to automate and simplify work processes. The input signal can be easily scaled and displayed in the desired physical unit.

Product details

Inputs	Quantities measured with a transducer that provides an analog DC voltage output can be scaled and displayed in the desired unit. The selection is made via jumpers. The device has an automatic zero point correction. PAXLVA00: (AC voltage) 0-1.999 volts, 0-19.99 volts, 0-199.9 volts, 0-300 volts PAXLIA00: (AC current) 0-199.9 μ A, 0-1.999 mA, 0-19.99 mA, 0-199.9 mA, 0-1.999 A, 0-199.9 mV PAXLVD00: (DC voltage) <u>+1.999 Volt</u> , <u>+19.99 Volt</u> , <u>+199.9 Volt</u> , <u>+300Volt</u> PAXLID00: (DC current) <u>+199.9 μA</u> , <u>+1.999 mA</u> , <u>+19.99 mA</u> , <u>+199.9 mA</u> , <u>+1.999 A</u> , <u>+199.9 mV</u>
Display	3½-digit, 14 mm high LED with backlit individual physical unit
Entrance areas	PAXLVD: <u>+1.999 VDC</u> ; <u>+19.99 VDC</u> ; <u>+199.9 VDC</u> ; <u>+300VDC</u> PAXLVA: 0 to 1.999 VAC; 0 to 19.99 VAC; 0 to 199.9 VAC; 0 to 300 VAC
Accuracy	PAXLVA00: +(0.1% of display + 2 digits) (45-500 Hz) PAXLIA00: (45-500 Hz): 199.9 μ A/199.9 mV, 1.999 mA, 19.99 mA: <u>+(0.1% of display + 2 digits)</u> 199.9 mA: <u>+(0.15 % of the display + 2 digits)</u> 1 A: <u>+(0.5 % of the display + 2 digits)</u> PAXLVD00: <u>+(0.1 % of the display + 1 digit)</u> PAXLID00: 199.9 μ A/199.9 mV, 1.999 mA, 19.99 mA: <u>+(0.1% of display + 1 digit)</u> 199.9 mA: <u>+(0.15% of the display + 1 digit)</u> 1.999 A: <u>+(0.5% of the display + 1 digit)</u>

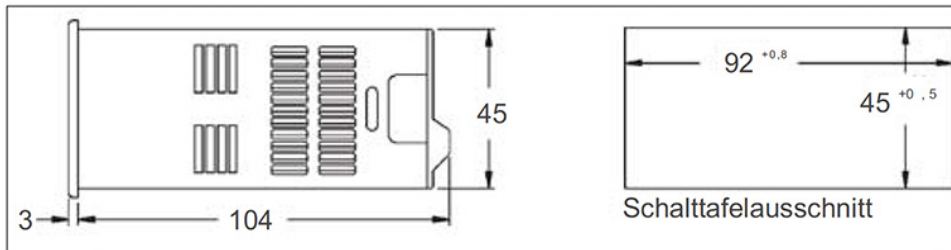
Maximum load	- Indication that the range has been exceeded by flashing the last 3 digits - Maximum voltage at the smallest input range: 75 VAC or DC - Maximum applied voltage: 300 VAC or DC
Scaling:	If there is a linear relationship between the signal input voltage and the parameter, the devices can be scaled so that the parameter is displayed directly. For this purpose, the applied voltage is also fed via a potentiometer on the rear for fine adjustment. An automatic zero point correction takes place.
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 easily realize his desired backlit unit. The backlighting is switched on and off via DIP switches.
Power supply	115/230 VAC, +10%, 50/60 Hz, 6 VA, switchable
Protection class	Jet-proof and dust-tight to IP 65 from the front.
Housing	Robust plastic housing. W 96 mm x H 49 mm x D 107/164 mm. Panel cut-out DIN 92 mm x 45 mm. Mounting via mounting frame with clamping screws.
Connection:	Via terminal strip on the rear.
Ambient temperature:	Operation: 0°C+60°C. Storage: -40°C+80°C.
Weight:	approx. 540 g.
Scope of delivery:	Device, fixing material, seal, operating instructions.
Accessories:	All-round IP65 housing and shunt 10 A or 100 A.
Customs tariff number:	9030 33 70
Manufacturer:	Red Lion Controls, USA.

Products Order no.	
PAXLVA00	Digital display for AC voltage PAXLVA
PAXLVD00	Digital display for DC voltage PAXLVD

Accessories Order no.	
APSCM010	10 A shunt (only for PAXLVD)
APSCM100	100 A shunt (only for PAXLVD)
BMK90000	Top-hat rail adapter for mounting the PAX series on a top-hat rail (WxHxD) 114 mm x 63.5 mm x 133 mm
ENC5A000	All-round IP65 steel housing for one device (WxHxD) 140 mm x 83 mm x 120 mm
ENC5B000	All-round IP65 plastic housing for one device (WxHxD) 188 mm x 188 mm x 130 mm
ENC5C000	All-round IP65 plastic housing for two devices (WxHxD) 188 mm x 188 mm x 130 mm
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
WTEST300	Calibrator / measuring device

Drawings

Dimensions (mm):



Abmessungen (in mm)



Wachendorff Prozesstechnik GmbH & Co. KG
Industriestrasse 7 • 65366 Geisenheim
Germany

Phone: +49 (0) 67 22 / 99 65 - 20
E-Mail: wp@wachendorff.de
www.wachendorff-prozesstechnik.de

