

Industry - Counter PAXLC



- 6- or 8-digit
- max. 25 kHz, adaptable to all commercially available sensors
- Easy programming on the device via the front buttons
- high protection class IP 65

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

Description

The PAXLC industrial counter can of course also be used as a very flexible and accurate laboratory device. However, with its robust plastic housing and high protection class IP 65, it has been designed for harsh industrial use. The sophisticated electronics, which are used worldwide and designed for a long service life, undergo a 3-day quality test under full load before delivery. The device is configured quickly and safely via 3 buttons.

Product details

Entrance	NPN, PNP sensors, CMOS, TTL, potential-free contacts, permanent magnet sensors are accepted. Setting via DIP switch. Attenuation adjustable to 50 Hz.
Operating modes	Addition or subtraction, gate input, freeze and reset.
Display	- PAXLC600: 6-digit, 14 mm high red LED, -99999 to +999999 - PAXLC800: 8-digit, 10 mm high red LED, -9999999 to +99999999
Scaling	The counter can be scaled individually. Scaling factor: 0.00001 to 9.9999
Keys	The device is programmed and operated using the 3 push buttons on the front.
User inputs	4 inputs are available for the following functions: Counting direction, gate input, freeze and display reset.
Power supply	115/ 250 VAC 50/60 Hz, 6 VA; +/-10%, 11 to 14 VDC, 0.1 A max.
Sensor supply	12 VDC, +/-10%, max. 100 mA, short-circuit proof
Protection class	jet-proof and dust-proof to IP 65 from the front.
Housing	Dark red, impact-resistant plastic housing. The electronic insert can be pulled out to the rear.
Dimensions	W 97 mm x H 50 mm x D 104 mm. Panel cut-out according to DIN: 92 mm x 45 mm
Fastening	via mounting frame with clamping screws.
Connection	Fixed terminal strip
Relative humidity	max. 85% rH, non-condensing

Ambient temperature	Operation: 0 °C to +50 °C Storage: -40 °C to +60 °C
Electromagnetic compatibility CE-compliant	Interference emission: EN 50 081-2 Interference immunity: EN 50 082-2
Weight	approx. 400 g (without plug-in option)
Scope of delivery	Device, fixing material, seal, operating instructions.
Customs tariff number:	9029 20 38
Manufacturer	Red Lion Controls, USA

Products Order no.



PAXLC600	Counter 6-digit
PAXLC800	Counter 8-digit

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
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 x 133 mm
ENC5A000	All-round IP65 steel housing for one device (WxHxD) 140 mm x 83 mm x 120 mm

Drawings

Key functions

Taste	Im Betrieb	Bei der Programmierung
PAR	zur Parameterliste	speichern und zum nächsten Programmpunkt
	Funktion 1	Wertveränderung Addition
	Funktion 2	Wertveränderung Subtraktion

Drawings

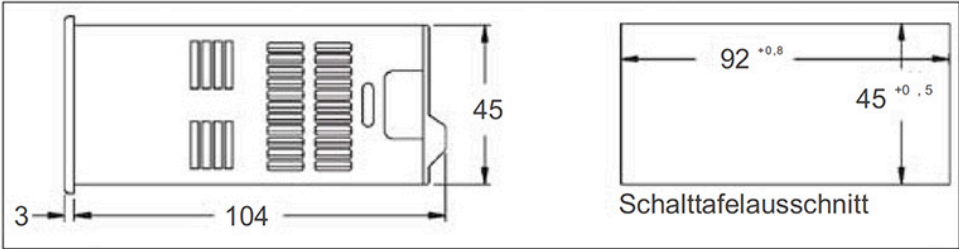
Connections

Anschlüsse:

PIN	Bezeichnung	Funktion
	PAXLC000:	
1	AC	115/230 VAC / 50/60 Hz
2	AC	115/230 VAC / 50/60 Hz
3	12VDC	Sensorversorgung/Spannungsversorgung
4	COMM.	Masse Signaleingang/ Masse Spannungsversorgung
5	INPUT	Signaleingang
6	COMM	Masse Steuereingänge
7	UP/DOWN	Zahlrichtungsumschaltung
8	RST	Rückstellung
9	INHIBIT	Toreingangsfunktion
10	STORE	Einfrieren der Anzeige

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

