

## Industrial temperature display PAXLT



- Universal AC and DC power supply unit
- 2 freely programmable relay outputs
- 5-digit, 14 mm high brilliant dimmable LED display
- Programmable input for thermocouples and Pt100
- Robust injection-molded plastic housing
- Front protection class IP65

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

### Description

The PAXLT display is a programmable temperature display for resistance or thermocouple sensors. The display has a minimum and maximum value memory, a universal AC/DC power supply unit, a dimmable display and is equipped with two relay outputs. Settings are made using the tried and tested simple 3-button programming. The adjustable key lock protects against unauthorized access. The PAXLT display can process 14 different RTD and thermocouple signals at the programmable input. It is also possible to perform an offset setting or cold junction compensation.

Like the entire series of panel meters from Wachendorff Prozesstechnik, the indicator has been designed for the harsh conditions of everyday industrial use. The robust plastic housing therefore has, for example, a high degree of protection IP65 on the front. An enclosure with IP65 all-round protection is also available as an option.

### Product details

Entrance:	Thermocouples Impedance: 20 MOhm, Protection: max. 30 V Type: T, E, J, K, R, S, B, N, C, mV Resistance sensors (e.g. Pt100) 2- or 3-wire connection, Power supply: 100 Ohm range: 165 $\mu$ A, 10 Ohm range: 2.5 mA, Protection: max. 30 V
Display:	5-digit, 14 mm high red LED. The intensity of the backlight can be adjusted in 5 levels.
User input:	1 programmable input is available. Programmable, e.g. as a programming lock. It can be set to PNP or NPN switching. Maximum input input 28 VDC.
Buttons:	The PAXLT is fully programmed via three front buttons. The buttons can be locked and can also be used as a reset button. can also be used as a reset button.
Data backup:	EEPROM, device parameters are stored permanently.
Power supply:	PAXLT00 0/B: 50 to 250 VAC, 50/60 Hz, 12 VA or 21.6 to 250 VDC, 6 W
Protection class	Jet-proof and dust-tight to IP65 from the front.

Ambient temperature	Operation: 0 °C to +50 °C. Storage: -40 °C to +70 °C
Housing	Plastic housing W 96 mm x H 50 mm x D 104 mm. Panel cut-out: DIN 92 mm x 45 mm. Fastening via mounting frame.
Connection:	Screw terminals
Weight	295 g
Scope of delivery:	Device, mounting material, seal, operating instructions
Customs tariff number:	9030 33 70
Manufacturer:	Red Lion Controls

### Products Order no.

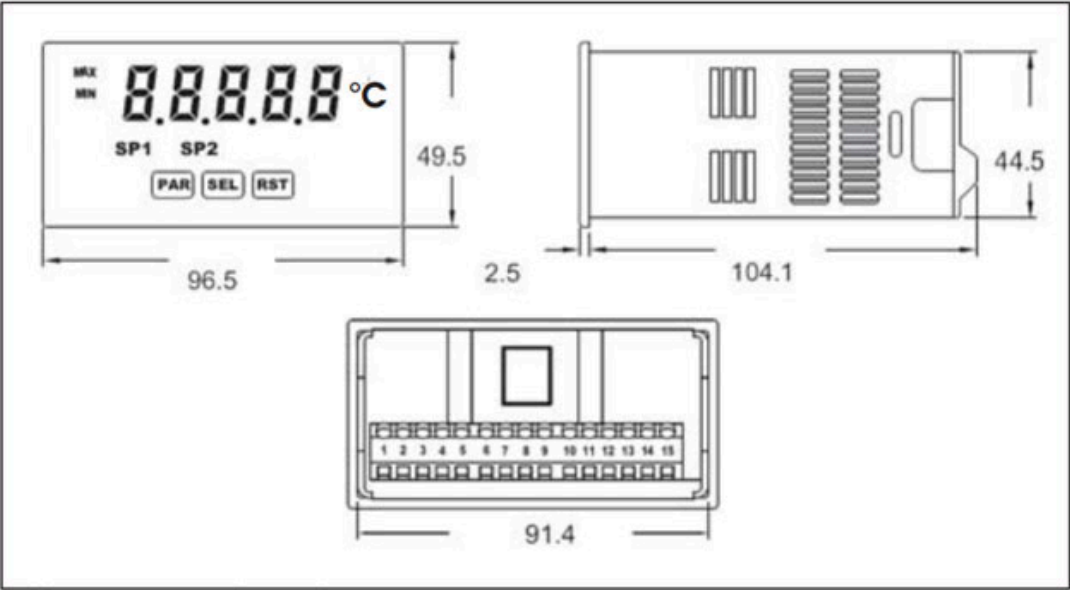
PAXLT000	5-digit temperature display with universal AC/DC power supply unit and 2 integrated switching relays
PAXLT00B	5-digit temperature display with universal AC/DC power supply unit and 2 integrated switching relays without manufacturer logo on the front

### Accessories Order no.

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

Drawings

Dimensions (mm):



Abmessungen (in mm)



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