

Low-cost display for strain gauge, force, pressure PAXLSG



- 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
- 5 or 10 VDC regulated sensor supply
- Robust injection-molded plastic housing
- High degree of protection IP 65

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

Description

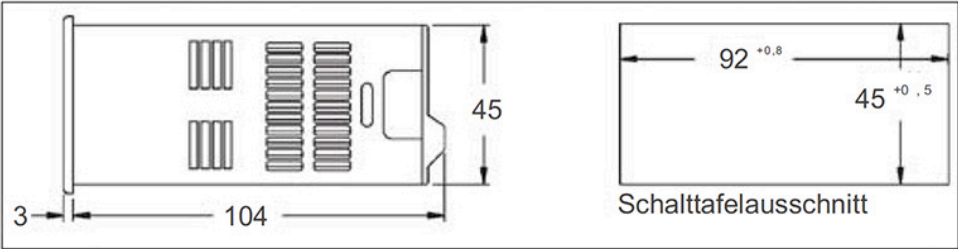
The PAXLSG indicator from the PAX-Lite series can be used as a simple alternative where simple weighing tasks are required. The high-precision sensor supply of 5 VDC or 10 VDC allows the connection of all common pressure or force sensors. All physical quantities that are measured by a transducer that provides an output for 0-20 mV to 0-2 VDC can be scaled and displayed in the desired physical unit.

Scope of delivery:	Device, mounting material, seal, operating instructions
Customs tariff number:	9030 33 70
Manufacturer:	Red Lion Controls USA

Product details

Entrance:	Single input or differential signal +/- 2.0 VDC. The resolution is adjustable from 200 reading segments/mV (enables a display of 1999 at 10 mV) to 1 reading segment/mV (enables a display of 1999 at 2.0 VDC)
Display:	3½-digit, 14 mm high LED.
Maximum load:	- Indication of overrange by flashing of the last 3 digits. - Maximum input voltage between signal input and ground 50 VDC.
Scaling:	The input range and offset are scaled via DIP switches and potentiometers.
Measuring rate:	2.5 measurements/second
Response time:	2.0 seconds after changing the input signal
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:	Selectable via jumper, 5 or 10 VDC, 60 mA or 120 mA. The bridge supply is stabilized.
Power supply:	85 to 250 VAC, 10%, 50/60Hz, 6VA.
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
Ambient temperature:	Operation: 0 to 60°C. Storage: -40 to 80°C.
Weight:	approx. 540g

Drawings



Abmessungen (in mm)



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