

Totalizer CUB4L8



- 8-digit, 12 mm high, brilliant LCD display
- Input frequency up to 5 kHz
- Counter reset via front button or reset input
- IP65 protection class on the front
- Power supply via internal lithium battery

<https://www.wachendorff-prozesstechnik.de/en/CUB4L8>

Description

The CUB4L8 is an 8-digit counter with a digit height of 12 mm. It is available with standard LCD (operation without external power supply possible) or backlit LCD display. In the latter case, the digits light up intensely red or green-yellow. Pulse detection is performed by a highly integrated CMOS counter chip. For devices with backlighting, the required supply voltage can be provided via 9 VDC to 28 VDC or a screw-on power supply unit (see accessories).

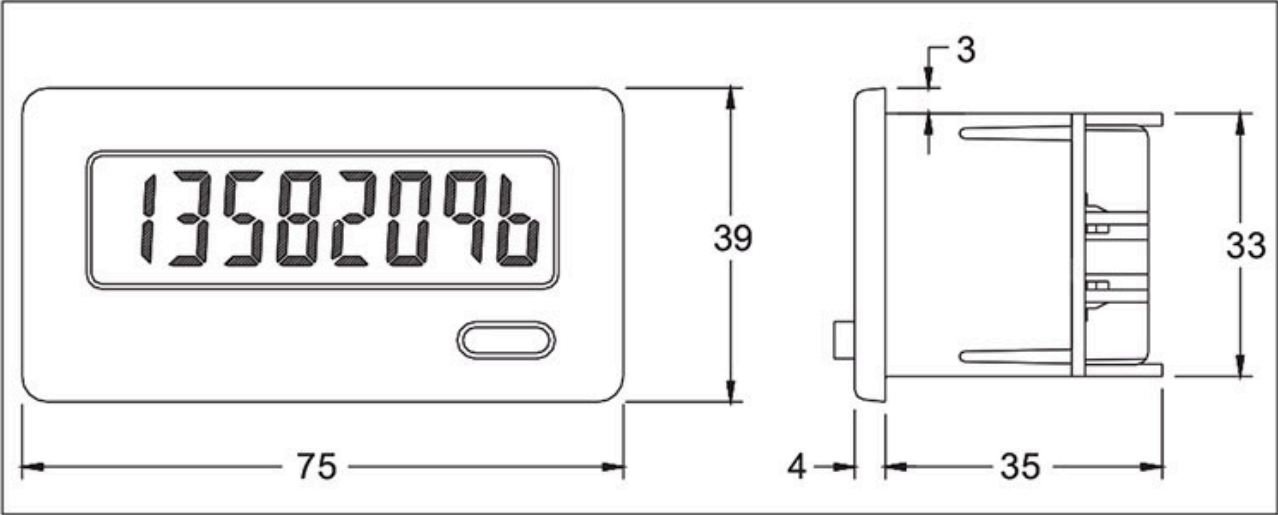
Product details

Display	8-digit, 12 mm high, brilliant LCD, standard or with red or green/yellow backlighting. Devices with backlighting are only easy to read with an external power supply.
Keys	Lockable reset button.
Entrance	H.S. CNT: 5 kHz max. from bipolar output with duty cycle 1:1. L.S. CNT: 30 Hz max. from switch contact or open collector transistor with duty cycle 1:1. $V_{ILmax} = 0.5 V_{VHmin} = +2.0 V, V_{max} = +3 V.$
Control input	Counter reset (low-active, pulse duration: min. 5 ms) RST.EN.: Release of the reset button. REM. RST.: Counter reset.
Power supply	All meter types are powered by a 3 V lithium battery. Continuous operation up to 6 years. Backlight supply: 9 VDC to 28 VDC, typ. 30 mA, max. 50 mA.
Protection class	Jet-proof and dust-tight to IP65 from the front.
Housing	Plastic housing W 75 mm x H 39 mm x D 35 mm. Panel cut-out: DIN 68 mm x 33 mm.
Fastening	via mounting frame with clamping screws.
Connection	Via screw terminals.
Connections	1 COM Ground (backlight). 2 V+ Power supply for backlighting (not for CUB4L800). 3 RESET. Reset 4 COUNT signal input, max. input frequency 5 kHz.

Electromagnetic compatibility CE-compliant	CE Approved EN 61326-1 Immunity to Industrial Locations Emission CISPR 11 Class B IEC/EN 61010-1 RoHS Compliant
Approvals	UL approval (Underwriters Laboratories) for the USA and Canada
Weight	approx. 85 g (incl. battery).
Scope of delivery	Device incl. battery, mounting material, seal, operating instructions.
Ambient temperature	Operation: 0 °C to +60°C, above 26 VDC max. 50°C (device with backlight). Storage: -30 °C to +85 °C.
Customs tariff number:	9029 10 00
Manufacturer	Red Lion Controls, USA.

Drawings

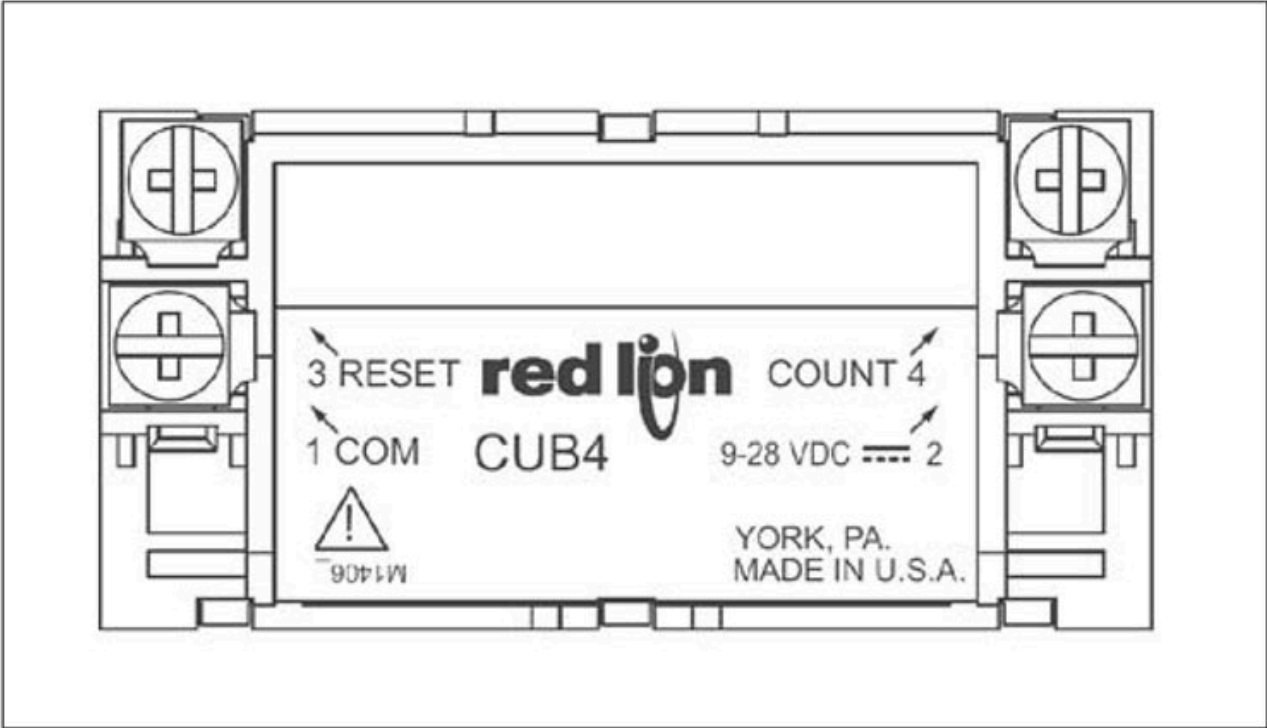
Dimensions (mm):



Abmessungen (in mm)

Drawings

Reverse side:



Rückseite



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