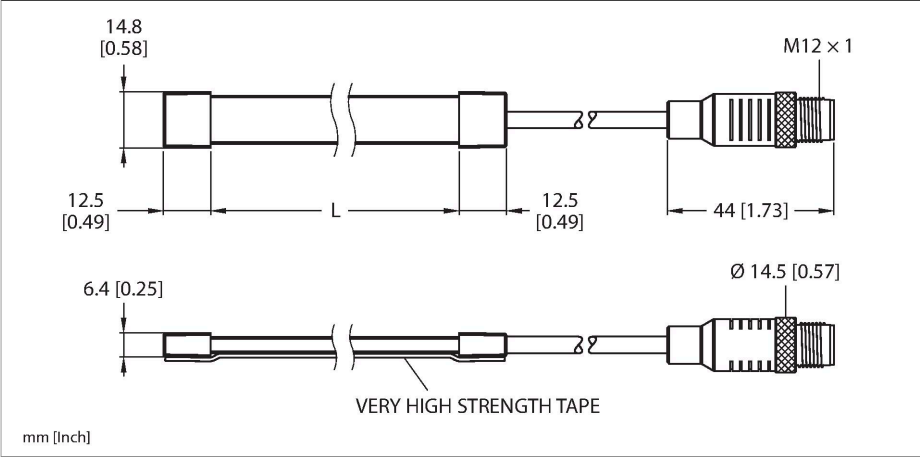


WLF12XW2000S24QP

LED Light Strip – In the Plastic Housing



Technical data

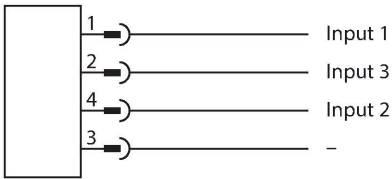
Type	WLF12XW2000S24QP
ID	3815859
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White
Beam angle	120°
LED service life (L70)	50000 h
Dimmable	Yes
Electrical data	
Operating voltage U_B	21.6...26.4 VDC
DC rated operating current I_o	≤ 933 mA
Input power	22.4 W
Mechanical data	
Design	Right-angled, WLF12
Dimensions	2025 x 12.8 x 6.4 mm
Housing material	Silicone
Window material	Silicone, Transparent
Electrical connection	Cable with connector, M12 × 1, PVC
with motion switch	no
Ambient temperature	-25...+45 °C
Storage temperature	-35...+70 °C
Protection class	IP69K
Tests/approvals	
Approvals	CE, cULus, cURus



Features

- Flexible LED linear light
- Daylight white
- Protection class IP67/IP69K
- Operating voltage: 24 VDC
- Connection: 150-mm cable with male connector, M12 × 1, straight, 4-pin
- 10 × LMBWLF12C transparent silicone clamps included in the delivery
- Capacitive dimming button LC15T-127AP1RBGQP (optional) not included in the delivery
- Light length L: 2000 mm

Wiring diagram




Functional principle

The WLF12 product series, with its flexible LED linear lights, has been expanded to include a bright, daylight-white model for industrial lighting of work areas, cabinets and machines. Just like its programmable RGB counterpart, the WLF12 Pro, this variant offers reliable, long-lasting light output in harsh environments thanks to the IP69K-certified silicone-encapsulated housing and its advanced circuitry. The flexible design that can be cut to length gives the user the freedom to place high-quality light wherever they need it. The built-in M12 connector simplifies installation and also allows the device to be quickly and safely mounted with a

high-strength adhesive or other mounting accessories.
Unlike the WLF12 RGB-PRO versions, this light can be connected directly to a conventional industrial 24-VDC network, without the need for a controller.
Available in six housing lengths from 300 to 4000 mm, the WLF12 can be adapted to suit a range of applications and cut to customer-specific lengths in 50-mm increments to best meet the requirements of the specific application.

Accessories

Dimension drawing	Type	ID	
	LC25C-WLF12-RGB7Q	3814883	LED controller for operating a WLF12 linear light in a standard industrial 24-VDC network, mandatory for parameterization via Pro Editor software
	LC25C-WLF12-KQ	3814884	LED controller for operating a WLF12 linear light in a standard industrial 24-VDC network, mandatory for parameterization via IO-Link