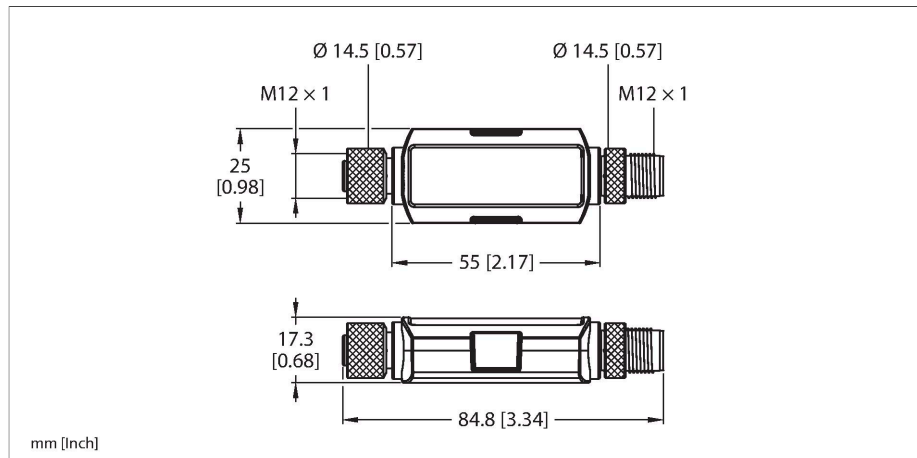


LC25C-WLF12-KQ

LED Controller



Technical data

Type	LC25C-WLF12-KQ
ID	3814884
Purpose	LED indicator light
Function	Controller
Dimmable	No
Electrical data	
Operating voltage U_B	18...30 VDC
DC rated operating current I_o	≤ 30 mA
Communication protocol	IO-Link
IO-Link	
IO-Link specification	V 1.1
Communication mode	COM 2 (38.4 kBaud)
Process data width	16 bit
Frame type	Type_2_2
Function pin 4	IO-Link
Maximum cable length	20 m
Mechanical data	
Cascadable	No
Design	Right-angled, LED controller
Dimensions	55 x 25 x 17.3 mm
Housing material	Plastic
Electrical connection	M12 x 1 female connector Connector, M12
with motion switch	no
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C
Protection class	IP67

Features

- LED controller
- For operating a WLF12 linear light in a standard industrial 24-VDC network
- Mandatory for parameterization via IO-Link
- Operating voltage: 18...30 VDC
- Male connector, M12 x 1, straight, 4-pin, IO-Link communication
- Female connector, M12 x 1, straight, 4-pin, connection to WLF12 linear light
- Parameterization via IO-Link

Wiring diagram



Functional principle

The flexible WLF12 Pro LED linear light has been designed to integrate easily into a wide range of industrial applications and environments. The robust yet flexible IP69K housing can be cut to the desired length, allowing the user to adapt the light to the optimum shape.

The light is easy to install using the integrated high-strength adhesive tape and can therefore be used creatively on an AGV, a machine or an assembly station. The programmable RGB LEDs offer proven durability and a wide range of colors and animations for customized display requirements.

The Pro Editor configuration software and LC25 Pro Controller provide access to color, flash, intensity and animation settings, as well as advanced operating modes for displaying distance, number, time and position.

Technical data

Tests/approvals	
Approvals	CE, cULus, cURus

This linear light can also be parameterized via the IO-Link interface using the LC25 Pro Controller with IO-Link.
The use of an LC25C-WLF12xxx controller is mandatory for operating the WLF12 linear light in a standard industrial 24-VDC network. If this controller is connected using a connection cable, the maximum distance is 3.05 m.