









Model Number

MLV41-6/25/82a/95/103

Retroreflective sensor with 4-pin, M8 x 1 connector

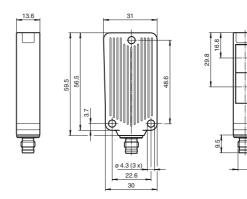
Features

- Rugged series in corrosion-resistant metal housing
- · Extremely high switching frequency
- Clear and functional display concept for the operating modes
- Resistant against noise: reliable operation under all conditions
- Aluminum housing with high quality Delta-Seal coated

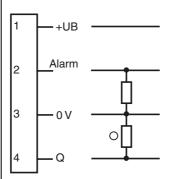
Product information

The unique and extremely popular design of the MLV41 series enables it be mounted correctly in confined areas and offers all the functions that are normally only found on larger phototelectric sensors. The MLV41 series comes with a range of functions. For example, highly visible status LEDs on the front and back, resistance to ambient light, protection and applicable output stages that permit every possible switching logic and polarity to be realized. The enhanced resistance to ambient light ensures reliable operation even where modern energy-saving lamps with electronic ballasts are in use. The same applies where multiple devices are present, i.e. the use of a number of sensors in the same vicinity causes no problems.

Dimensions



Electrical connection



- O = Light on
- = Dark on

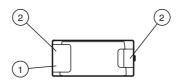
Pinout

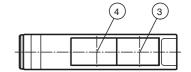
Wire colors in accordance with EN 60947-5-2

² (1) ⁴ 3

1 | BN (brown) 2 | WH (white) 3 | BU (blue) 4 | BK (black)

Indicators/operating means





1	Operating display green	3	Optical axis transmitter
2	Function display vellow	4	Optical axis receiver

Accessories

OMH-09

Mounting bracket for Sensors series MLV41 for M12 rod mounting

OMH-40

Mounting bracket

V1-G-2M-PUR

Female cordset, M12, 4-pin, PUR cable

V1-W-2M-PUR

Female cordset, M12, 4-pin, PUR cable

Other suitable accessories can be found at www.pepperl-fuchs.com

FPEPPERL+FUCHS

Directive conformity

Standard conformity Product standard

UL approval

CCC approval

EMC Directive 2004/108/EC

Approvals and certificates

EN 60947-5-2:2007

EN 60947-5-2:2007 IEC 60947-5-2:2007

power supply; Type 1 enclosure)

cULus Listed 57M3 (Only in association with UL Class 2

CCC approval / marking not required for products rated ≤36 V

Curves/Diagrams

