





Model Number

ML100-8-W-200-RT/103/115b

Diffuse mode sensor with 2 m fixed cable and 4-pin, M12 x 1 connector

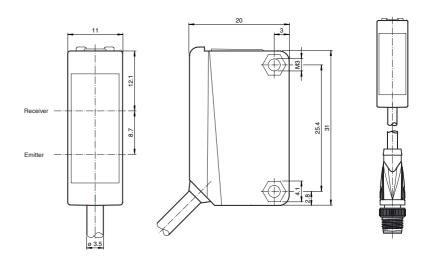
Features

- Miniature design
- Easy to use
- Very bright, highly visible light spot
- Full metal thread mounting
- Highly visible LEDs for Power ON and switching state
- Not sensitive to ambient light

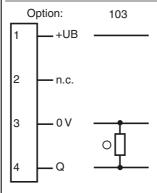
Product information

The ML100 series is characterized by its miniature housing with integral, all-metal threaded bushings. All versions are equipped with a visible red transmitter LED. This greatly simplifies installation and commissioning. The switching states are easily visible from all directions thanks to the highly visible LEDs.

Dimensions



Electrical connection



- O = Light on
- = Dark on

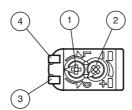
Pinout

Wire colors in accordance with EN 60947-5-2

(brown) (white) (blue) (black)



Indicators/operating means



1	Light-Dark-switching	
2	Sensitivity adjuster	
3	Signal display	yellow
4	Operating display	green

0.6 Nm

UL 60947-5-2

FN 60947-5-2:2007+A1:2012

cULus Listed, Class 2 Power Source or listed Power Supply

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

with a limited voltage output with (maybe integrated) fuse (max. $3.3\,\mathrm{A}$ according UL248), Type 1 enclosure

0.3 m

Accessories

OMH-ML100-01

Mounting aid for ML100 series, Mounting bracket

OMH-ML100-02

Mounting aid for ML100 series, Mounting bracket

OMH-ML100-03

Mounting aid for round steel \emptyset 12 mm or sheet 1.5 mm ... 3 mm

OMH-ML100-04

Mounting aid for ML100 series, Mounting bracket

OMH-ML100-05

Mounting aid for ML100 series, Mounting bracket

OMH-F10-ML100

Mounting aid for ML100 series

OMH-10

Mounting aid

OMH-ML100-S1

Mounting bracket

V1-G-2M-PUR

Female cordset, M12, 4-pin, PUR cable

V1-W-2M-PUR

Female cordset, M12, 4-pin, PUR cable

OMH-ML100-08

Mounting aid for ML100 series, Snap-in

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

Tightening torque, fastening screws

EMC Directive 2004/108/EC

Approvals and certificates

Compliance with standards and directi-

Cable length

Directive conformity

Standard conformity Standards

UL approval

CCC approval

ves

