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Model Number

ML100-8-1000-RT/95/102

Diffuse mode sensor with 4-pin, M8 x 1 connector

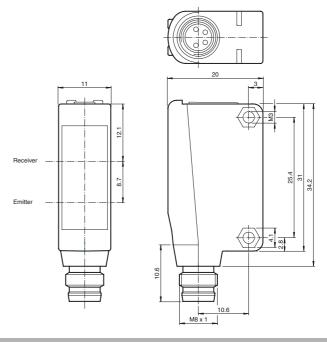
Features

- 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

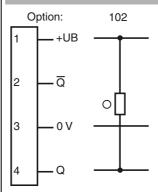
Product information

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

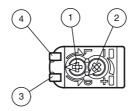
Pinout

Wire colors in accordance with EN 60947-5-2

2 1 3

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

Indicators/operating means



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

approx. 10 g

EN 60947-5-2

UL 60947-5-2

Accessories

OMH-ML100-03

Mounting aid for round steel ø 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

OMH-F10-ML100

Mounting aid for ML100 series

OMH-10

Mounting aid

V31-WM-2M-PUR

Female cordset, M8, 4-pin, PUR cable

V31-GM-2M-PUR

Female cordset, M8, 4-pin, PUR cable

OMH-ML100-S1

Mounting bracket

OMH-ML100-08

Mounting aid for ML100 series, Snap-in

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

PEPPERL+FUCHS

cULus Listed, Class 2 Power Source or listed Power Supply with a limited voltage output with (maybe integrated) fuse

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

(max. 3.3 A according UL248), Type 1 enclosure

Mass

Directive conformity

Standard conformity

Standards

UL approval

CCC approval

Compliance with standards and directi-

EMC Directive 2004/108/EC

Approvals and certificates

Curves/Diagrams

