









Model Number

MLV41-8-H-350-RT/59/70/136

Background suppression sensor with 5-pin, M9 x 0.5 connector

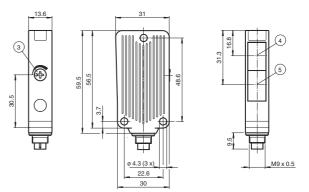
Features

- Rugged series in corrosion-resistant metal housing
- Reliable detection of all surfaces, independent of color and structure
- Minimal black/white difference
- Precision background suppression, adjustable
- Extremely high switching frequency
- Clear and functional display concept for the operating modes

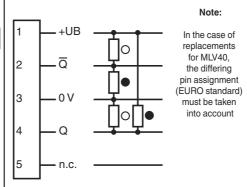
Product information

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 grouped together under the VISO+ quality symbol. For example, highly visible status LEDs on the front and back, resistance to ambient light, crosstalk protection and universally 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

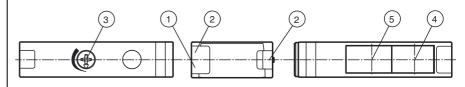


- O = Light on
- = Dark on

Pinout



Indicators/operating means



1	Operating display green	3	Sensing range adjuster	5	Optical axis receiver
2	Function display yellow	4	Optical axis transmitter		

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350 mm , adjustable 50 mm 350 mm 350 mm 350 mm % of the upper limit of the detection range ulated visible red light , 660 nm % at 350 mm ox. 8 mm at 350 mm sensor range 0 Lux
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ox. 8 mm at 350 mm sensor range
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0 Lux
0 Lux
a
green, statically lit Power on , Undervoltage indicator: n LED, pulsing (approx. 0.8 Hz) , short-circuit : LED gree ing (approx. 4 Hz)
Ds yellow object inside the scanning range object outside the scanning range
ction range adjuster
30 V DC
10 %
25 mA
sh-pull (4 in 1) outputs, complementary, short-circuit processe polarity protected
30 V DC
100 mA
V DC
Hz
ns
. 60 °C (-40 140 °F)
. 75 °C (-40 167 °F)
M9, 5-pin metal connector
inum , Delta-Seal coated
pane
l
0947-5-2:2007
0947-5-2:2007
60947-5-2:2007

Accessories

OMH-09

Mounting bracket for Sensors series MLV41 for M12 rod mounting

OMH-40

Mounting bracket

ASK /70 KL.2000MM

Cable socket, M9, 5-pin, cable

ASK /78 KL.2000MM

Cable socket, M9, 5-pin, cable

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

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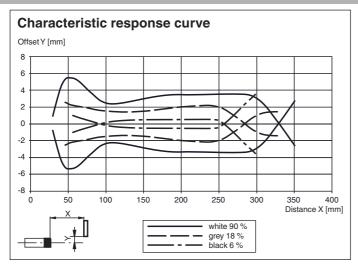
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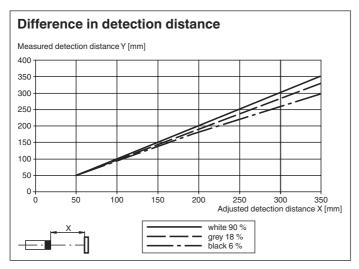
www.pepperl-fuchs.com

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

CCC approval

Curves/Diagrams





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