



Model Number

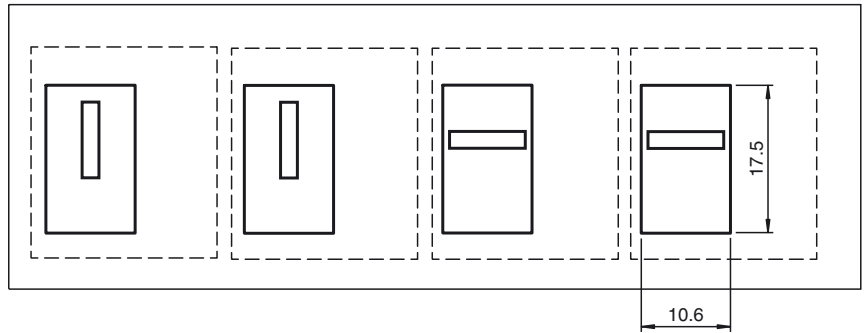
OMH-11-04 Aperture-V-H 1.0 mm

Slit diaphragm can be affixed for detecting very small parts

Features

- Slit aperture to shape the light in miniature sensors
- Facilitates the detection of very small parts
- Min. object size 1 mm
- Self-adhesive mounting

Dimensions



Technical data

General specifications

Slot width	1 mm
Object size	min. 1 mm

Ambient conditions

Ambient temperature	-40 ... 75 °C (-40 ... 167 °F)
Storage temperature	< 35 °C
Installation temperature	4 ... 35 °C (39.2 ... 95 °F)

Environmental resistance	UV radiation Humidity Salt spray (240 h / 5%) fungus-resistant
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Chemical resistance	Oils Grease Fuels Aliphatic solvents Weak acids
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Mechanical specifications

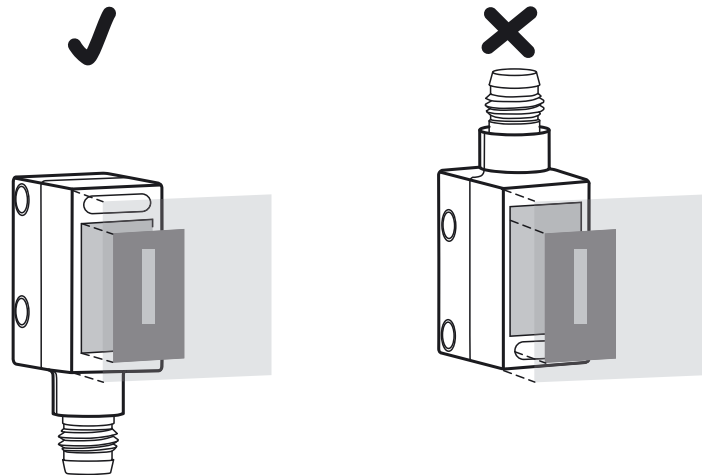
Material thickness	0.07 ... 0.1 mm
Material	molded PVC film
Mass	approx. 0.8 g
Dimensions	17.5 mm x 10.6 mm
Mounting	self-adhesive
Adhesive	Acrylate-based adhesive, transparent

Suitable series

Series	ML4.2 ML6
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Aperture alignment

When attaching the aperture, make sure that the sensor lens is aligned exactly with the black aperture.



Accessories**ML4.2-54-G/40b/110/115**

Retroreflective sensor for complex applications, miniature design, clear object detection, 6 m detection range, red light, light/dark on, push-pull output, fixed cable

ML4.2-54-G/40b/95/110

Retroreflective sensor for complex applications, miniature design, clear object detection, 6 m detection range, red light, light/dark on, push-pull output, M8 plug

ML6-54-F/110/115a

Retroreflective sensor for standard applications, miniature design, polarization filter, 6 m detection range, red light, light on, push-pull output, fixed cable with M8 plug

ML6-54-F/25/115/136

Retroreflective sensor for standard applications, miniature design, polarization filter, 6 m detection range, red light, light on, 2 push-pull outputs, fixed cable

ML6-54-F/25/95/136

Retroreflective sensor for standard applications, miniature design, polarization filter, 6 m detection range, red light, light on, 2 push-pull outputs, M8 plug

ML6-54-F/82b/95/110

Retroreflective sensor for standard applications, miniature design, polarization filter, 6 m detection range, red light, light on, 2 push-pull outputs, weak signal output, M8 plug

ML6-54-G/25/115/136

Retroreflective sensor for standard applications, miniature design, clear object detection, 6 m detection range, red light, light/dark on, 2 push-pull outputs, fixed cable

ML6-54-G/25/95/136

Retroreflective sensor for standard applications, miniature design, clear object detection, 6 m detection range, red light, light/dark on, 2 push-pull outputs, M8 plug

ML4.2-54-F/40b/103/115b

Retroreflective sensor for complex applications, miniature design, polarization filter, 6 m detection range, red light, light/dark on, PNP output, fixed cable with M12 plug

ML4.2-54-F/40b/110/115

Retroreflective sensor for complex applications, miniature design, polarization filter, 6 m detection range, red light, light/dark on, push-pull output, fixed cable

ML4.2-54-F/40b/110/115b

Retroreflective sensor for complex applications, miniature design, polarization filter, 6 m detection range, red light, light/dark on, push-pull output, fixed cable with M12 plug

ML4.2-54-F/40b/95/103

Release date: 2016-02-17 08:09 Date of issue: 2016-02-17 236356_eng.xml

Accessories

Retroreflective sensor for complex applications, miniature design, polarization filter, 6 m detection range, red light, light/dark on, PNP output, M8 plug

ML4.2-54-F/40b/95/110

Retroreflective sensor for complex applications, miniature design, polarization filter, 6 m detection range, red light, light/dark on, push-pull output, M8 plug

ML4.2-54-F/95/110/126b

Retroreflective sensor for complex applications, miniature design, polarization filter, 6 m detection range, red light, light on, push-pull output, weak signal output, M8 plug

ML6-P-8m-RT/25/76a/115/136

Thru-beam sensor for standard applications, miniature design, 8000 mm detection range, red light, light on, 2 push-pull outputs, test input, fixed cable

ML6-P-8m-RT/25/76a/95/136

Thru-beam sensor for standard applications, miniature design, 8000 mm detection range, red light, light on, 2 push-pull outputs, test input, M8 plug

ML4.2-P-20m-LAS/40b/76a/95/110

Thru-beam sensor for complex applications, miniature design, 20,000 mm detection range, laser, push-pull output, test input, M8 plug

M4.2/MV4.2-8000-RT/76a/110/115

Thru-beam sensor for complex applications, miniature design, 8000 mm detection range, red light, push-pull output, test input, fixed cable

M4.2/MV4.2-8000-RT/76a/95/110

Thru-beam sensor for complex applications, miniature design, 8000 mm detection range, red light, push-pull output, test input, M8 plug