

Retroreflective sensor

MPL1HD

- Harsh duty
- Withstands 1200 psi washdown
- Sensing range 9 m

Photoelectric Sensors; MP Series Modular

Technical Data

General specifications

Sensing range	9 meters
Light source	Infrared
Light type	infrared
Polarization filter	no
Marking	CE

Indicators/operating means

Function indicator	2 LEDs
Control elements	light on / dark on

Output

Response time	≤ 10 ms
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Output 1

Output type	dependent on base selected
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Standard conformity

Standards	EN 60947-5-2
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Approvals and certificates

Approvals	CE, cULus
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Ambient conditions

Ambient temperature	-30 ... 70 °C (-22 ... 158 °F)
Storage temperature	-55 ... 85 °C (-67 ... 185 °F)
Relative humidity	95% RH (non-condensing)
Shock resistance	50G
Vibration resistance	10G, 10 ... 500 Hz

Mechanical specifications

Degree of protection	IP69K
Material	
Housing	Polycarbonate
Optical face	Glass Lens
Sheathing	Glass-filled acetal, Type 20
Dimensions	
Height	43.2 mm
Width	39.6 mm
Depth	52.3 mm

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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