

Diffuse mode sensor

MP2D2HD

- Harsh duty
- Withstands 1200 psi washdown
- IP69K
- Sensing range 1.8 m

Photoelectric Sensors; MP Series Modular

Technical Data

General specifications

Sensing range	1.8 meters
Light source	Infrared
Light type	infrared
Marking	CE

Indicators/operating means

Control elements	light on / dark on
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Output

Response time	≤ 15 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	plastic 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".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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