

Thru-beam sensor receiver

MPR1HD

- Receiver
- Harsh duty
- Withstands 1200 psi washdown
- Sensing range 60 m

Photoelectric Sensors; MP Series Modular

Technical Data

General specifications		
Sensing range		60 meters
Light source		Infrared
Light type		infrared
Marking		CE
Indicators/operating means		
Function indicator		2 LEDs
Control elements		light on / dark on
Output		
Response time		≤ 10 ms
Output 1		
Output type		dependent on base selected
Standard conformity		
Standards		EN 60947-5-2
Approvals and certificates		
Approvals		CE, cULus
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

Release date: 2024-07-10 Date of issue: 2024-07-10 Filename: 454438_eng.pdf

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

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