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

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