

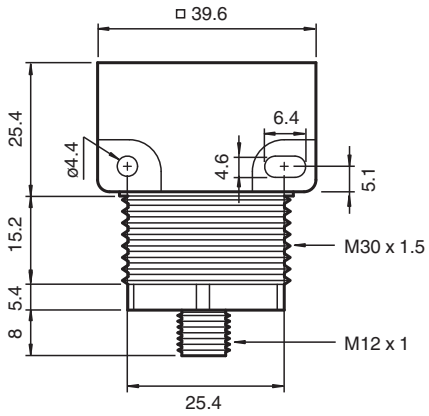
Photoelectric base modul, Accessories

MPT42HD-CM

- Harsh duty
- Withstands 1200 psi washdown

Photoelectric Sensors; MP Series Modular

Dimensions



Technical Data

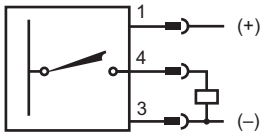
General specifications		
Marking		CE
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC
Operating current	I_B	250 mA max
Output		
Voltage drop	U_d	≤ 1 V DC
Current consumption		≤ 25 mA
Response time		≤ 10 µs
Output 1		
Output type		DC
Output 2		
Output type		1 PNP, Reverse polarity protected
Standard conformity		
Standards		EN 60947-5-2
Approvals and certificates		
Approvals		CE, cULus

Release date: 2025-09-30 Date of issue: 2025-09-30 Filename: 454500_eng.pdf

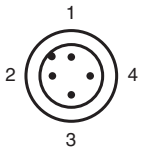
Technical Data

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
Connection		V1-connector
Material		
Housing		Glass-filled Polysulfone
Dimensions		
Height		55 mm
Width		39.6 mm
Depth		39.6 mm

Connection Assignment



Connection Assignment



Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

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