



EV-108MC

Main Unit, Shielded Type, M8

CE

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model	EV-108MC	
Type	DC , Shielded	
Shape	M8	
Detecting distance	1.5 mm 0.06" ±10%	
Detectable object	Ferrous metals (see Characteristics for nonferrous metals)	
Standard target (iron, t=1 mm 0.04")	10 x 10 mm 0.39" x 0.39"	
Hysteresis		
Response frequency	800 Hz	
Operation mode	N.C.	
Temperature characteristics	±10% max. of detecting distance at 23°C 73.4°F, within -25 to +70°C -13 to +158°F	
Control output (switching capacity)	5 to 80 mA	
Protection circuit	Reversed polarity, surge voltage	
Rating	Power voltage	12 to 24 VDC, Ripple (P-P) 20 % or less
	Current consumption (leakage current)	Current consumption (leakage current): 1.0 mA max., Residual voltage: 3.6 V max. (with 2-m 6.6' cable)
	Residual voltage	Residual voltage: 3.6 V max. (with 2-m 6.6' cable)
Environmental resistance	Enclosure rating	IP67
	Ambient temperature	-25 to +80 °C -13 to 176 °F (No freezing)
	Relative humidity	35 to 95 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z directions
	Shock resistance	500 m/s ² , 3 times in each of the X, Y, and Z directions
Case material	Stainless steel (SUS304)	
Accessories	Nut × 2, toothed washer × 1, instruction manual	
Weight	Approx. 42 g	

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

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