

Image:

MV-MQ

MV2/A0-0K

Photo.M18,AC-NO,M12 plug 90°,Diffuse

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	100mm
Thermal drift of Sr	$\leq 10\%Sr$
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Diffuse reflection (short distance, $\leq 200mm$)
Notes	white target Kodak 90% 100 x 100mm
Optic position	Axial

Outputs

Output type	TRIAC NO
Output Function	NO
Switching frequency	25Hz

Response time	20ms
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Electrical data

Operating Voltage	20...253VAC/50-60Hz
No-Load supply current	≤ 30mARMS
Load current	5...300mARMS
Leakage current	6A
Output voltage drop	≤3V@Iload=300mARMS
Max ripple content	≤10%
LED indicators	Red (status output)
Time delay before availability	≤200ms
Emission	LED Infrared (880nm)
Interference to external light	3.000lux (incandescent lamp), 10.000lux (sunlight)

Mechanical data

Housing material	PBT / PC plug 90°
Connections	M12 plug 90°
Active Head Material	PMMA
Tightening torque	1Nm
Diameter/Dimension	M18

Test/Approvals

Approvals	CE cURus
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EMC compatibility	EN 60947-5-2
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Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
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Accessories

Supplied Accessories	Nuts M18 x 1
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Generical Data

Dimensions	M18x1/L=78,6mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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