



MV-MQ

MVE/00-0C

Photo.M18,IR emiss.,Pigtail M12,Emitter

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	16m (MVR), 32m (MVD)
Thermal drift of Sr	≤10%Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Axial

Outputs

Output type	TRIAC
Switching frequency	25Hz
Response time	20ms

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 (powerON)
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 cable exit 90°
Connections	2m PVC cable 90°
Active Head Material	PMMA
Tightening torque	1Nm
Diameter/Dimension	M18
Test/Approvals	

Approvals

CE cURus

EMC compatibility

EN 60947-5-2

Shocks and vibrations

Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

Accessories

Supplied Accessories

Nuts M18 x 1

Generical Data

Dimensions

M18x1/L=78,6mm

Operating Temperature

- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

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