



MV-MQ

MVD/C0-0E

Photo.M18,AC-NC,M12 plug,Receiver
M18 AC MULTIVOLTAGE OUTPUT PHOTOELECTRIC SENSORS

OVERVIEW

- Wide range of models: diffuse, retro-reflective, polarized, through-beam
- Through-beam models with high sensing range
- Retro-reflective models with polarized light (with visible beam)
- M12 plug cable exit in axial or right angle shape
- Low leakage current and high output current
- IP67 protection degree
- Complete protection against electrical damage



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	32m
Thermal drift of Sr	$\leq 10\%Sr$
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Diffuse reflection (medium distance, ≤600mm)
Emitter/Receiver	Receiver
Optic position	Axial
Outputs	
Output type	TRIAC NC
Output Function	NC
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 (status output)
Time delay before availability	≤200ms
Emission	

Interference to external light	3.000lux (incandescent lamp), 10.000lux (sunlight)
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Mechanical data

Dimensions	M18x1/L=78,9mm
Housing material	PBT / PC plug
Weight	30g
Connections	M12 plug
Active Head Material	PMMA
Tightening torque	1Nm
Operating temperature	- 25°C...+ 60° C (without freeze)
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
Degree of protection	IP67

Accessories

Supplied Accessories	Nuts M18 x 1
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Generical Data

Dimensions	M18x1/L=78,9mm
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Operating Temperature

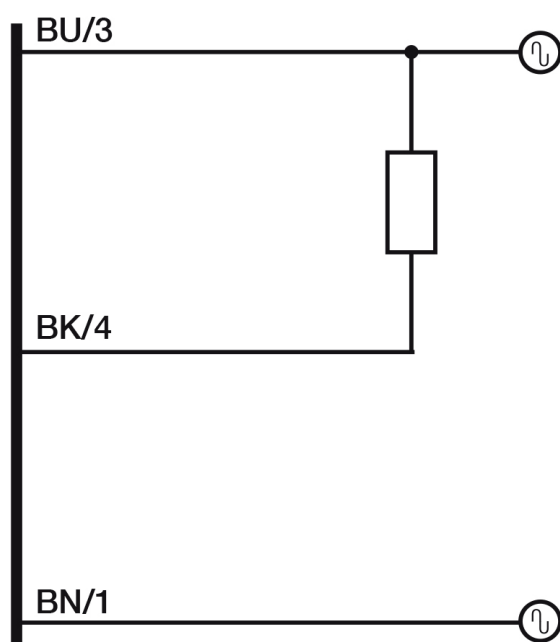
- 25°C...+ 70°C (Without freeze)

Mechanical Protection

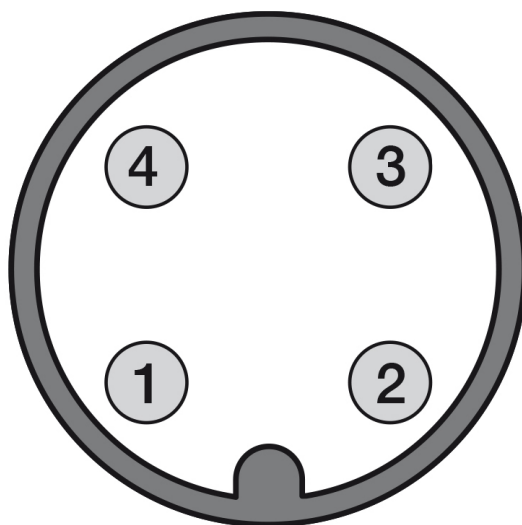
IP67

CONNECTIONS

Electrical diagram

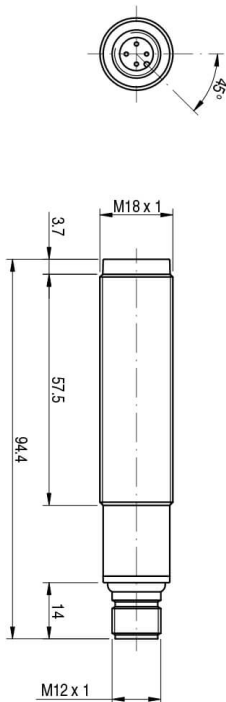


Connector



OTHERS

Dimensions



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