

MV-MQ

MVC/A0-0A

Photo.M18,AC-NO,Cable,Reflex

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	4,5m
Thermal drift of Sr	≤10%Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Retroreflective
Notes	On RL110 reflector
Optic position	Axial

Outputs

Output type	TRIAC NO
Output Function	NO
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	LED Infrared (880nm)

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

Mechanical data

Dimensions	M18x1/L=78,9mm
Housing material	PBT / PC cable exit
Weight	100g
Connections	2m PVC cable
Active Head Material	PMMA
Tightening torque	1Nm
Operating temperature	- 25°C…+ 70° 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

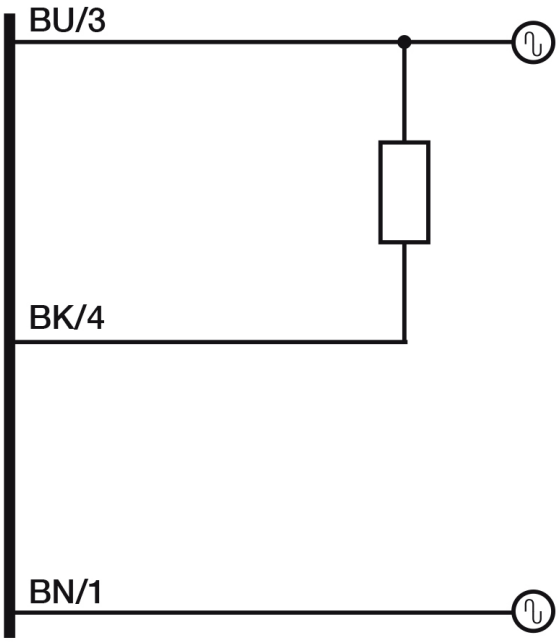
Generical Data

Dimensions	M18x1/L=78,9mm

Operating Temperature	- 25°C…+ 70°C (Without freeze)
Mechanical Protection	IP67

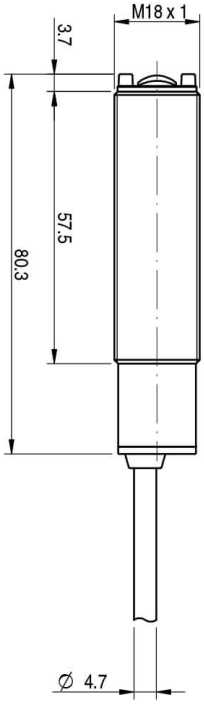
CONNECTIONS

Eletrical diagram

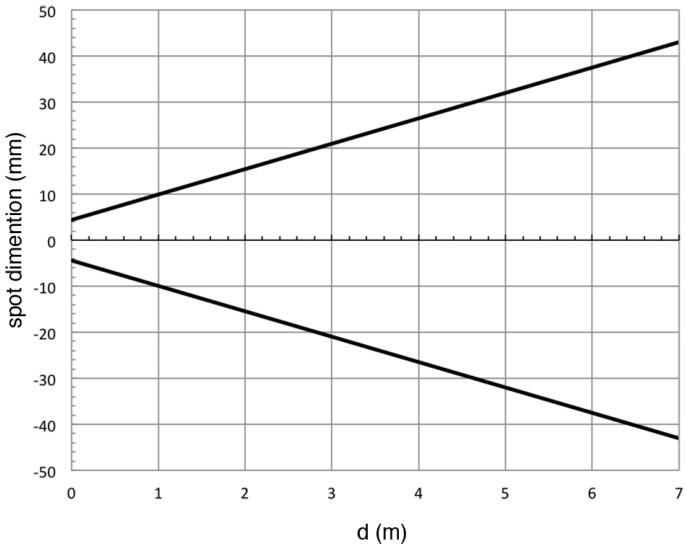


OTHERS

Dimensions



Response curves



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