

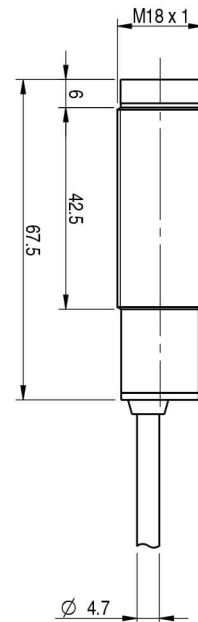


Indicative image



M18 PHOTOELECTRIC SENSORS DC

- Complete range of M18 sensors with 10...30 Vdc power supply
- Axial and radial optic with flat surface
- Retro-reflective models for transparent objects detection, with red emission IP67 protection degree
- Metallic or plastic housing
- Sensitivity adjustment available for all models
- Total protection against any type of electric damages
- Approvals: CE and cULus listed



Detection properties

Nominal sensing distance 20m

Thermal drift of Sr $\leq 10\%$ Sr

Application

Function Principle Emitter

Emitter/Receiver Emitter

Optic position Axial

Electrical data

Operating Voltage 10...30Vdc

No-Load supply current $\leq 25\text{mA}$

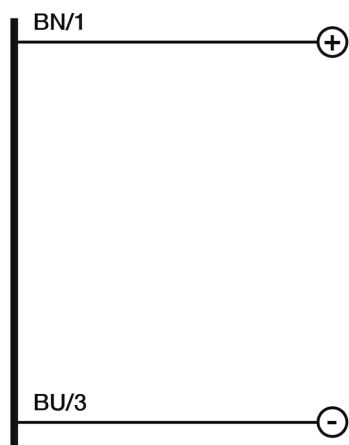
Max ripple content 10%

LED indicators Green (powerON)

Time delay before availability $\leq 200\text{ms}$

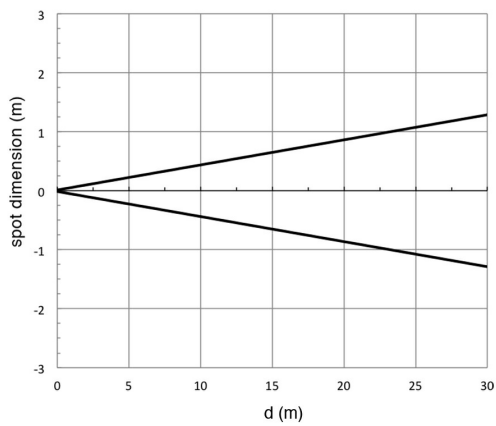
Reverse Polarity Protection	Polarity inversal, Impulsive voltage
Emission	Infrared (880 nm)
Mechanical data	
Dimensions	M18 x 1/L=67,5mm
Weight	50g
Housing Material	PBT / PC cable exit
Connections	2m PVC cable
Active Head Material	PC
Tightening torque	1Nm
Operating temperature	- 25°C...+ 70° C (Without freeze)
Diameter/Dimension	M18
Test/Approvals	
Approvals	CE, cULus
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, screwdriver

ELECTRICAL DIAGRAMS OF THE CONNECTIONS

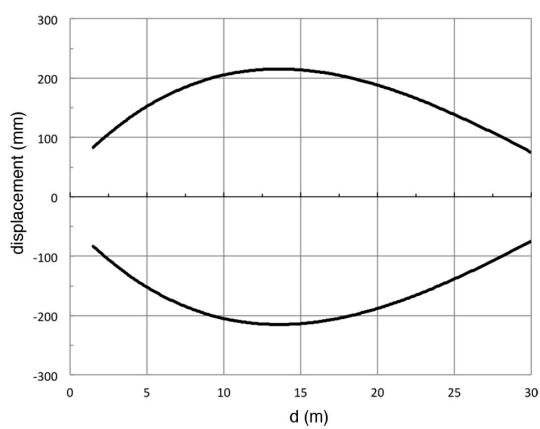


RESPONSE CURVES

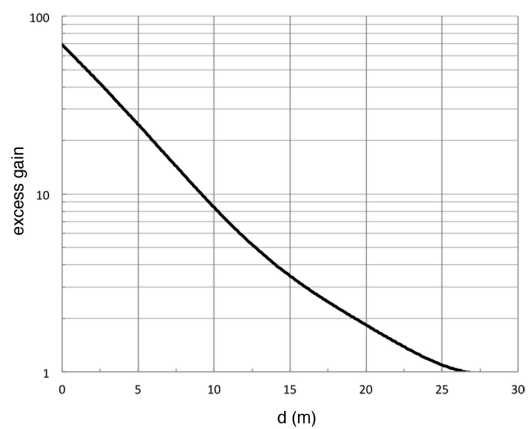
Dimensione Spot



Parallel offset



Excess of Earnings



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