

FAIH/00-0A

cylindrical photosensors

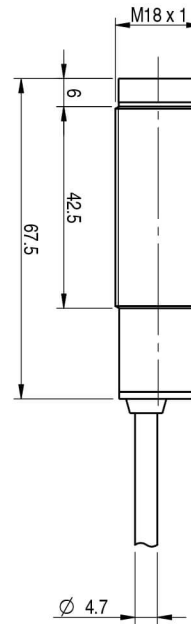


Micro Detectors

Italian Sensors Technology



Indicative image



Detection properties

Nominal sensing distance	20m
Thermal drift of Sr	≤10% Sr

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Axial

Electrical data

Operating Voltage	10...30Vdc
No-Load supply current	≤25mA
Max ripple content	10%
LED indicators	Green (powerON)

Time delay before availability	≤200ms
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

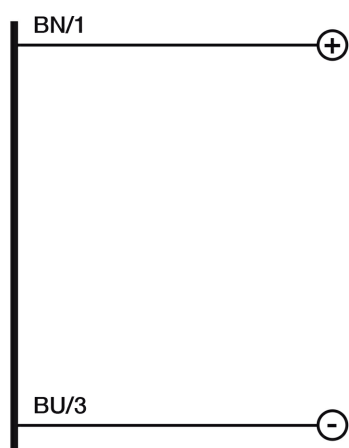
Test/Approvals

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

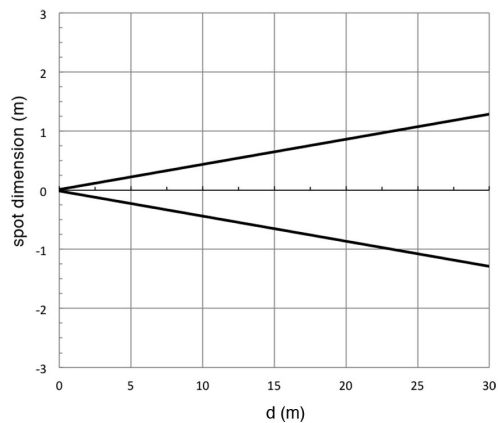
Supplied Accessories	nuts M18 x 1, screwdriver
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ELECTRICAL DIAGRAMS OF THE CONNECTIONS

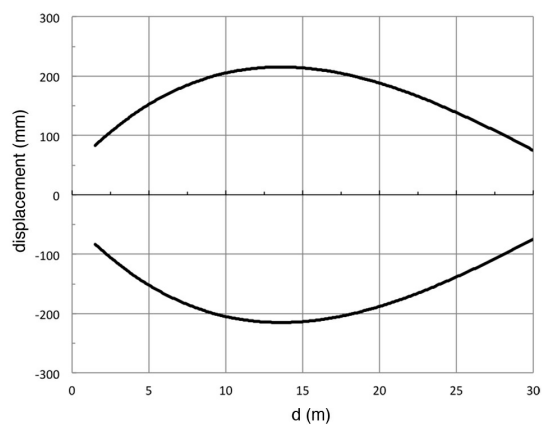


RESPONSE CURVES

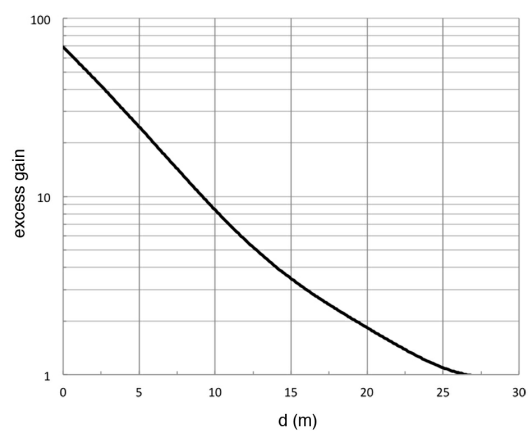
Dimensione Spot



Disassamento Parallelo



Eccesso di Guadagno



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