

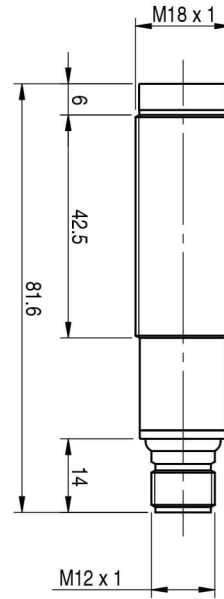
FAIH/00-0E

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 =81,6mm

Weight

30g

Housing Material

PBT / PC plug

Connections

M12 plug

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

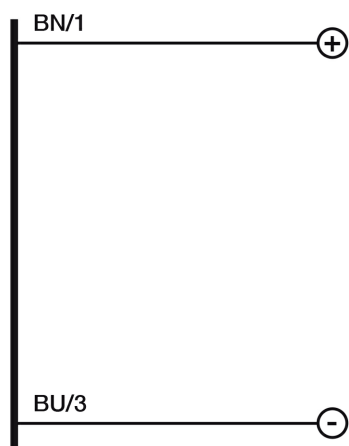
IP67

Accessories

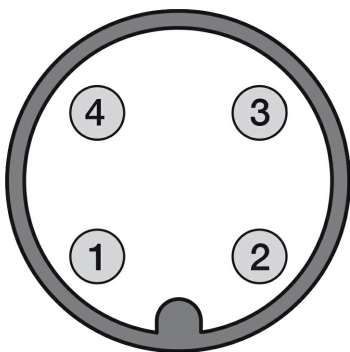
Supplied Accessories

nuts M18 x 1, screwdriver

ELECTRICAL DIAGRAMS OF THE CONNECTIONS

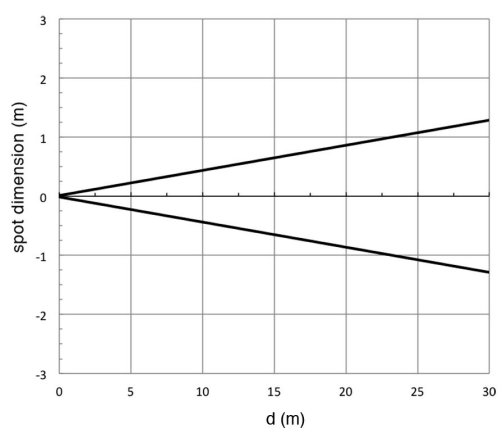


CONNECTOR

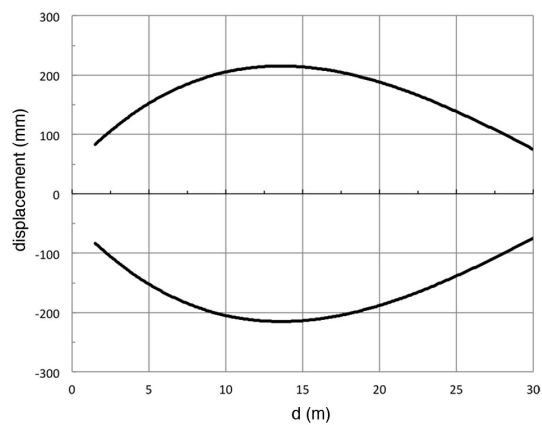


RESPONSE CURVES

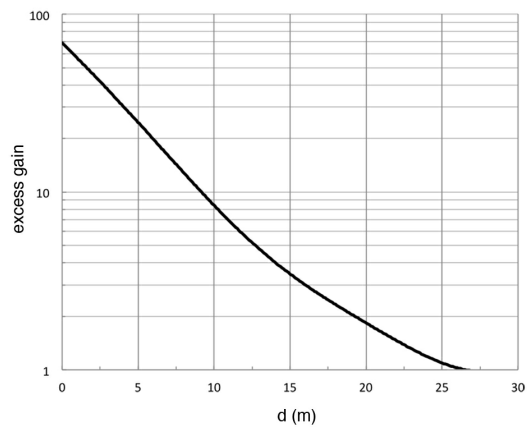
Dimensione Spot



Disassamento Parallelo



Eccesso di Guadagno



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