

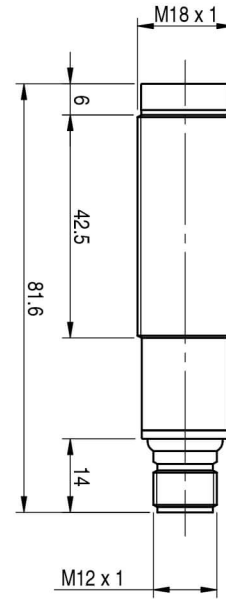
FAIH/00-0E

cylindrical photosensors



Micro Detectors

Italian Sensors Technology



Indicative image



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

≤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

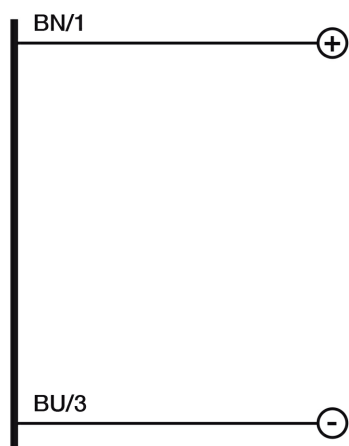
IP67

Accessories

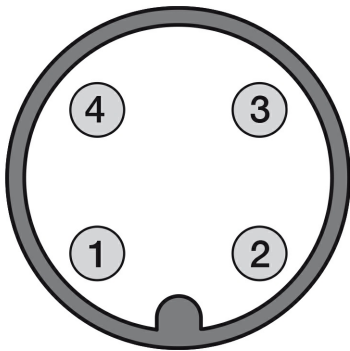
Supplied Accessories

nuts M18 x 1, screwdriver

ELECTRICAL DIAGRAMS OF THE CONNECTIONS

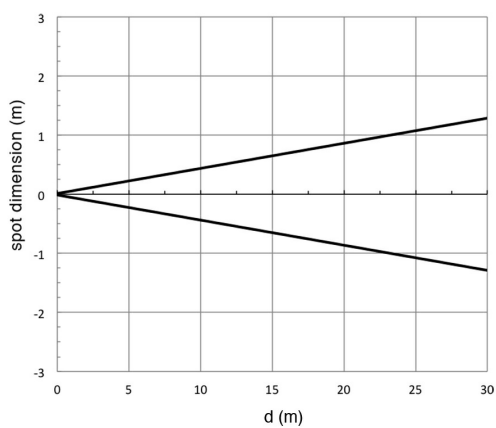


CONNECTOR

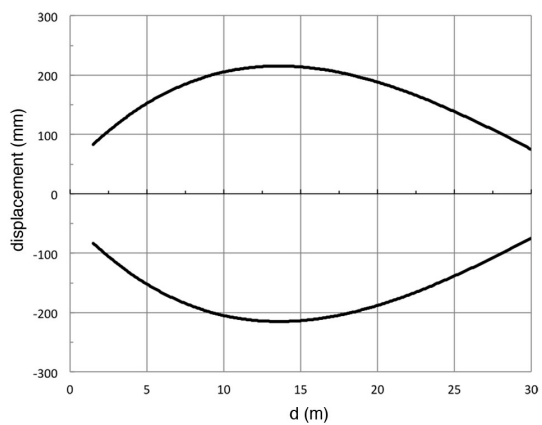


RESPONSE CURVES

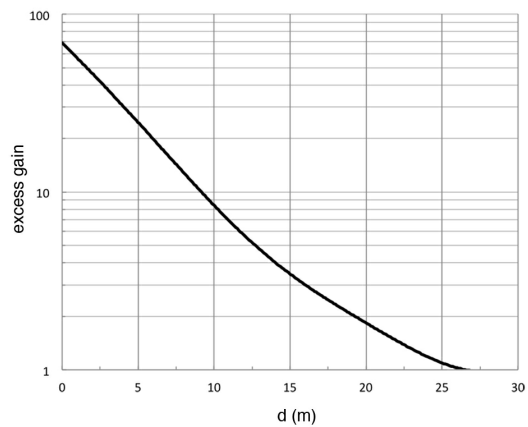
Dimensione Spot



Disassamento Parallelo



Eccesso di Guadagno



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