

FALH/X0-1E

cylindrical photosensors

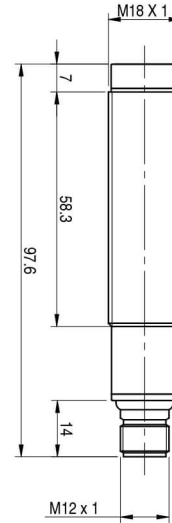


Micro Detectors

Italian Sensors Technology



Indicative image



Detection properties

Nominal sensing distance	50m
Thermal drift of Sr	≤10% Sr

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Check Input	BK/2 connected to 0Vdc swithing off the emission
Optic position	Axial

Electrical data

Operating Voltage	10...30Vdc
No-Load supply current	≤25mA
Max ripple content	10%
LED indicators	Green (power ON) yellow (Emiss. ON) yellow(Emiss. OFF)
Time delay before availability	≤200ms
Reverse Polarity Protection	Polarity inversal, Impulsive voltage
Emission	Red laser diode (650nm) class1 (IEC60825-1)

Mechanical data

Dimensions	M18 x 1 / L =97,6mm
Weight	100g
Housing Material	Nickel plated brass / PC plug
Connections	M12 plug
Active Head Material	Glass / PC
Tightening torque	25Nm
Operating temperature	- 15°C...+ 55° C (Without freeze)
Diameter/Dimension	M18

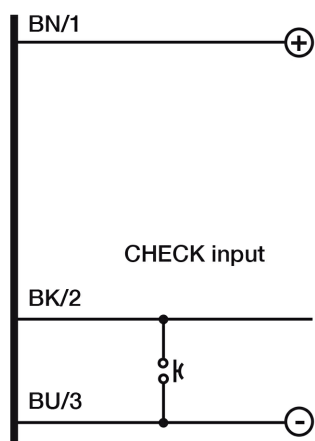
Test/Approvals

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

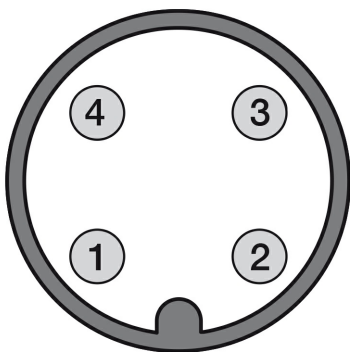
Accessories

Supplied Accessories	nuts M18 x 1
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ELECTRICAL DIAGRAMS OF THE CONNECTIONS

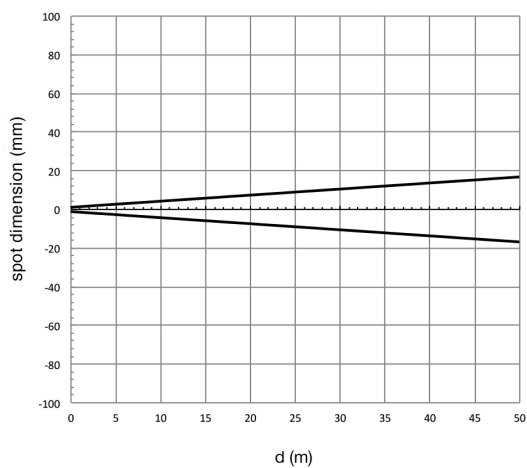


CONNECTOR

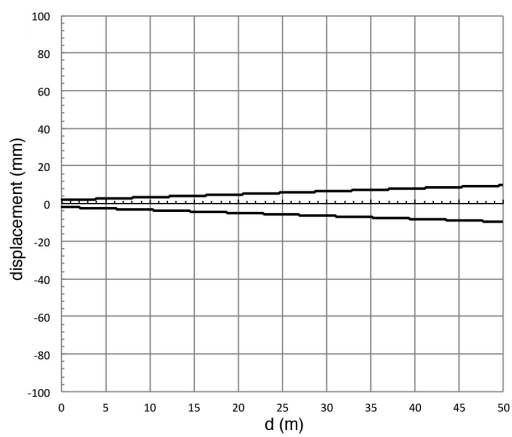


RESPONSE CURVES

Dimensione Spot



Disassamento Parallelo



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