

FALH/X0-1E

Photo.M18,Laser emiss.,M12 plug,Emitter Photoelectric sensor M18 Axial
laser Emitt. 50 m Check metal. conn. M12

M18 PHOTOELECTRIC SENSORS DC LASER EMISSION



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	50m
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Thermal drift of Sr	$\leq 10\%$ Sr
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Repeat Accuracy	5%
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Application

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

Output type	
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Electrical data

Operating Voltage	10...30VDC
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No-Load supply current	$\leq 25\text{mA}$
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Max ripple content	$\leq 10\%$
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LED indicators	Green (power ON) yellow (Emiss. ON) yellow(Emiss. OFF)
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Time delay before availability	$\leq 200\text{ms}$
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Reverse Polarity Protection	Polarity inversal, Impulsive voltage
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Emission	LASER Red (650nm) class1
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Mechanical data

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

Approvals	CE cULus
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EMC compatibility	EN 60947-5-2
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Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
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Degree of protection	IP67
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Accessories

Supplied Accessories	nuts M18 x 1
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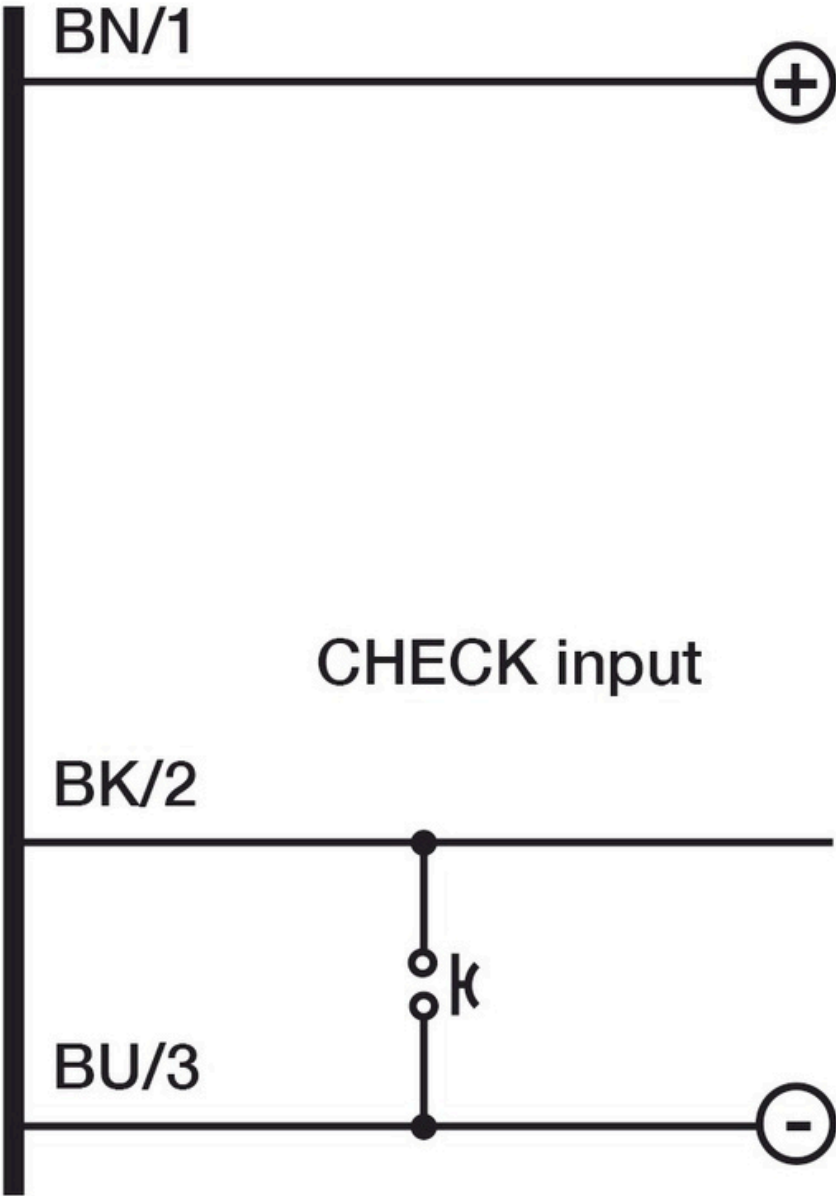
Generical Data

Dimensions	M18 x 1 /L =97,6mm
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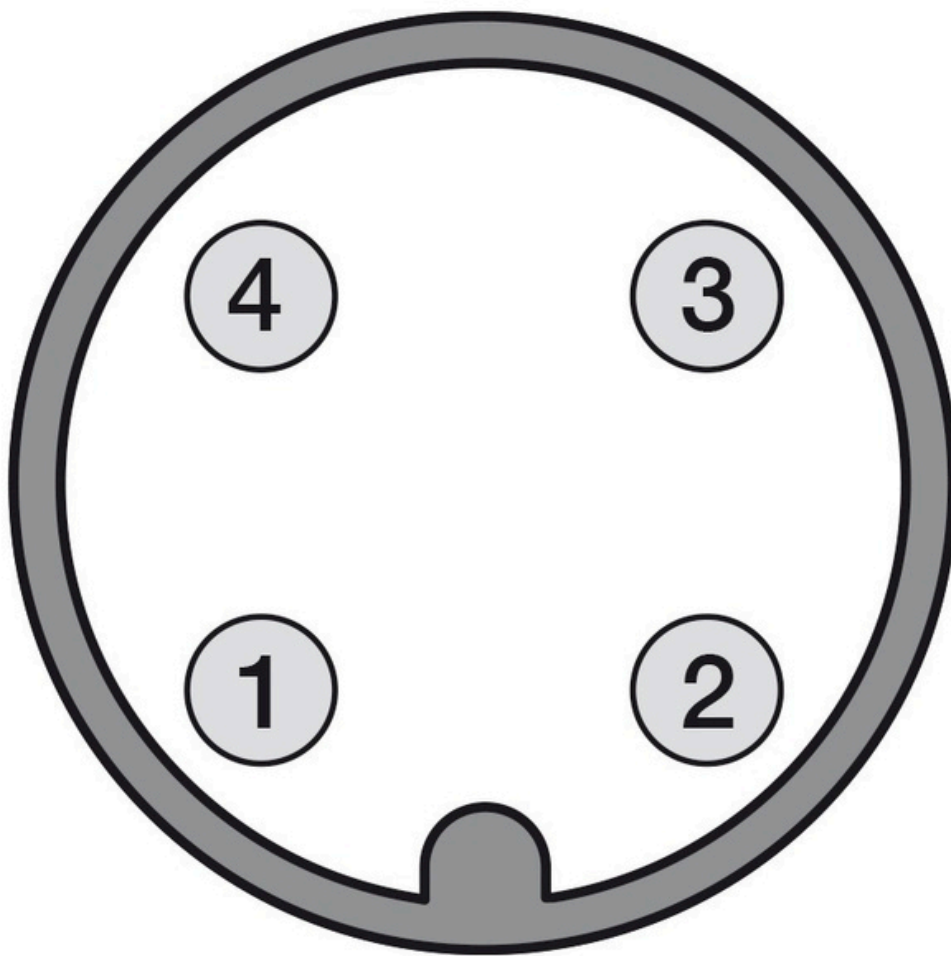
Operating Temperature	- 15°C...+ 55°C (Without freeze)
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CONNECTIONS

Electrical diagram

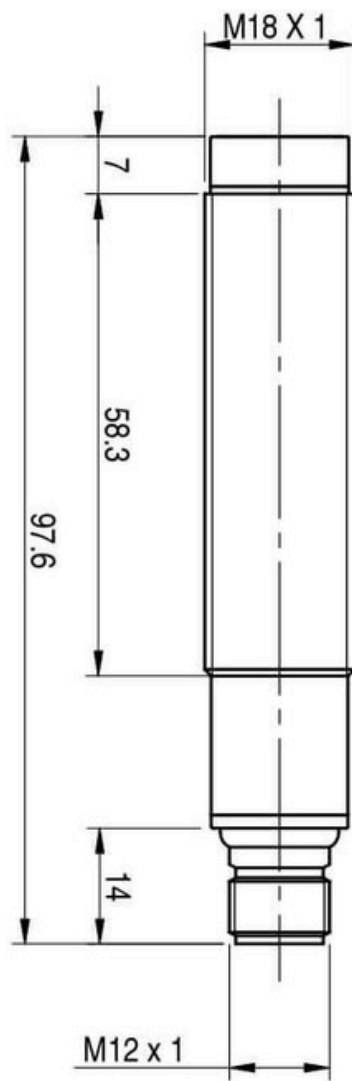


Connector



OTHERS

Dimensions



Response curves

