



HE

HEE/00-4F

Photo.M8,IR emiss.,M8 plug,Emitter
M8 MINIATURIZED THROUGH-BEAM SENSORS DC

OVERVIEW

- M8 through beam models with high switching frequency
- LED status indicator for all models
- Complete protection against electrical damages
- IP67 protection degree
- Stainless steel housing
- Supply voltage 10...30 Vdc
- Approvals: CE



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	2m
Thermal drift of Sr	$\leq 10\%Sr$
Repeat Accuracy	$\leq 10\%$
Sensitivity adjustment	No

Application

Function Principle	Emitter
Notes	(EG=2)
Emitter/Receiver	Emitter
Optic position	Axial

Outputs

Output type	
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Electrical data

Operating Voltage	10...30VDC
No-Load supply current	$\leq 45\text{mA}$
Load current	
Leakage current	
Output voltage drop	
Max ripple content	$\leq 10\%$
LED indicators	Yellow (powerON)
Time delay before availability	$\leq 200\text{ms}$
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	LED Infrared (880nm)

Interference to external light	3.000 lux (incandescent lamp), 5.000 lux (sunlight)
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Impulsive Overvoltage Protection	Yes
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Mechanical data

Dimensions	M8x0,75/L=54mm
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Weight	15g
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Housing Material	Stainless Steel AISI 303
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Connections	M8 plug 3pin
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Active Head Material	PMMA
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Operating temperature	- 25°C...+ 50° C (without freeze)
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Diameter/Dimension	M8
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Test/Approvals

Approvals	CE
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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 M8 x 0,75
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Generical Data

Dimensions	M8x0,75/L=54mm
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Operating Temperature

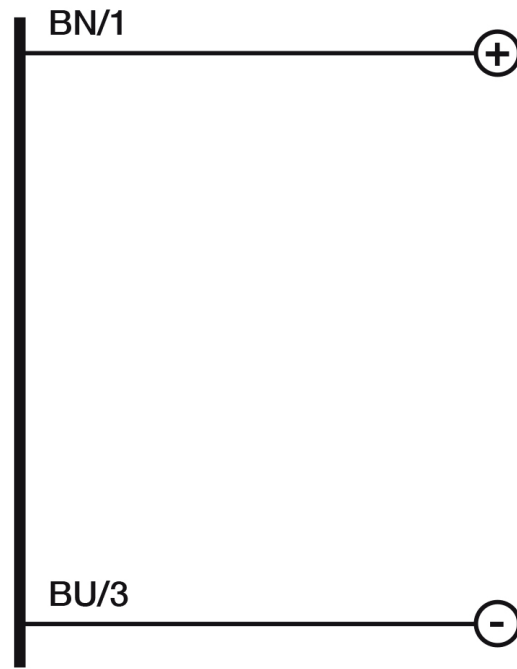
- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

CONNECTIONS

Electrical diagram

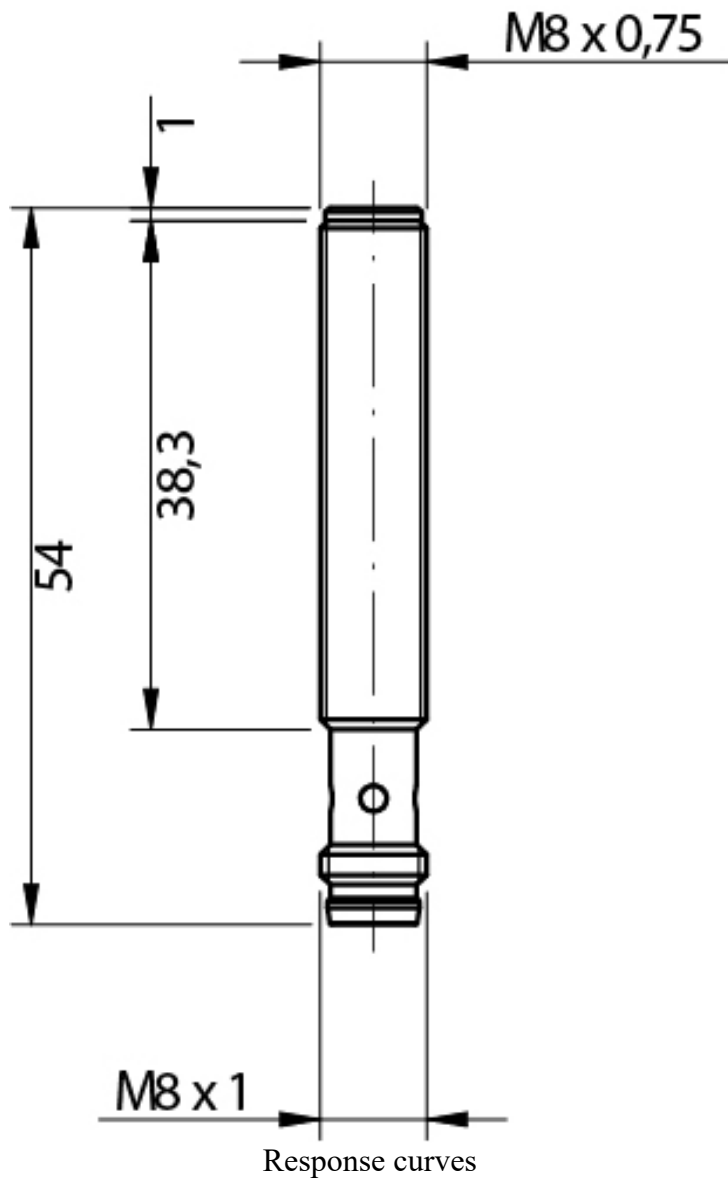


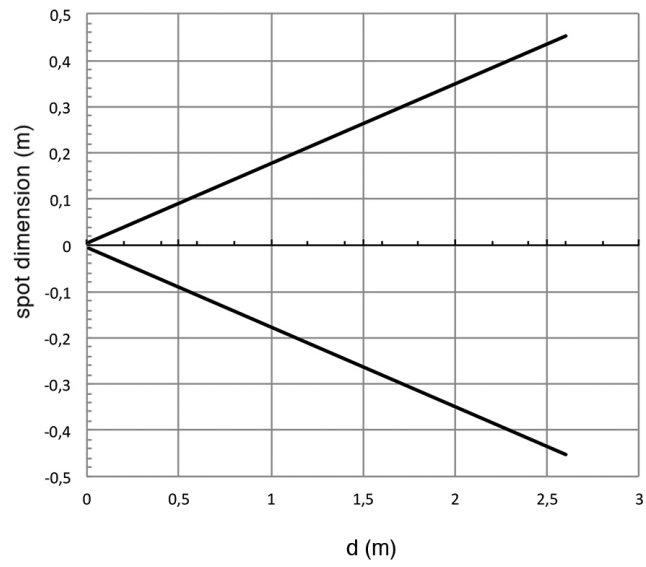
Connector



OTHERS

Dimensions





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