



# H8

## H8E/1

Photo.M8,IR emiss.,Cable,Emitter  
M8 HIGH FREQUENCY DC

## OVERVIEW

- Very small dimensions: M8 housing
- High switching frequency: 50 kHz
- Completely amplified
- IP67 protection degree
- Strong stainless steel housing
- Approvals: CE



## TECHNICAL FEATURES

### Detection properties

Nominal sensing distance	80mm
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Sensitivity adjustment	No
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### Application

Function Principle	Emitter
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Emitter/Receiver	Emitter
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Optic position	Axial
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## Outputs

Output type	
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## Electrical data

Operating Voltage	$\leq 5\text{VDC}$
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No-Load supply current	$\leq 25\text{mA}$
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Load current	
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Output voltage drop	
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Max ripple content	$\leq 1\%$
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Time delay before availability	$\leq 200\text{ms}$
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Emission	LED Infrared (880nm)
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Interference to external light	150lux (incandescent lamp)
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## Mechanical data

Dimensions	M8x0,75/L=25mm
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Housing material	Stainless Steel AISI 303
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Weight	63g
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Connections	2m PVC cable
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Active Head Material	PMMA
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Operating temperature	- 25°C...+ 70° 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

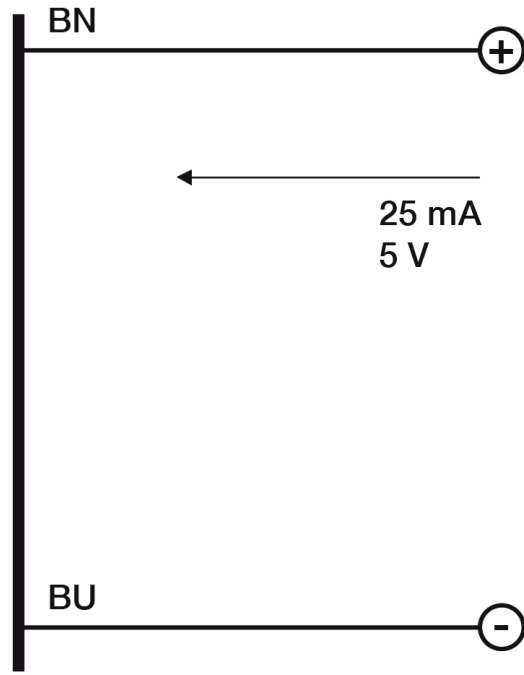
Dimensions	M8x0,75/L=25mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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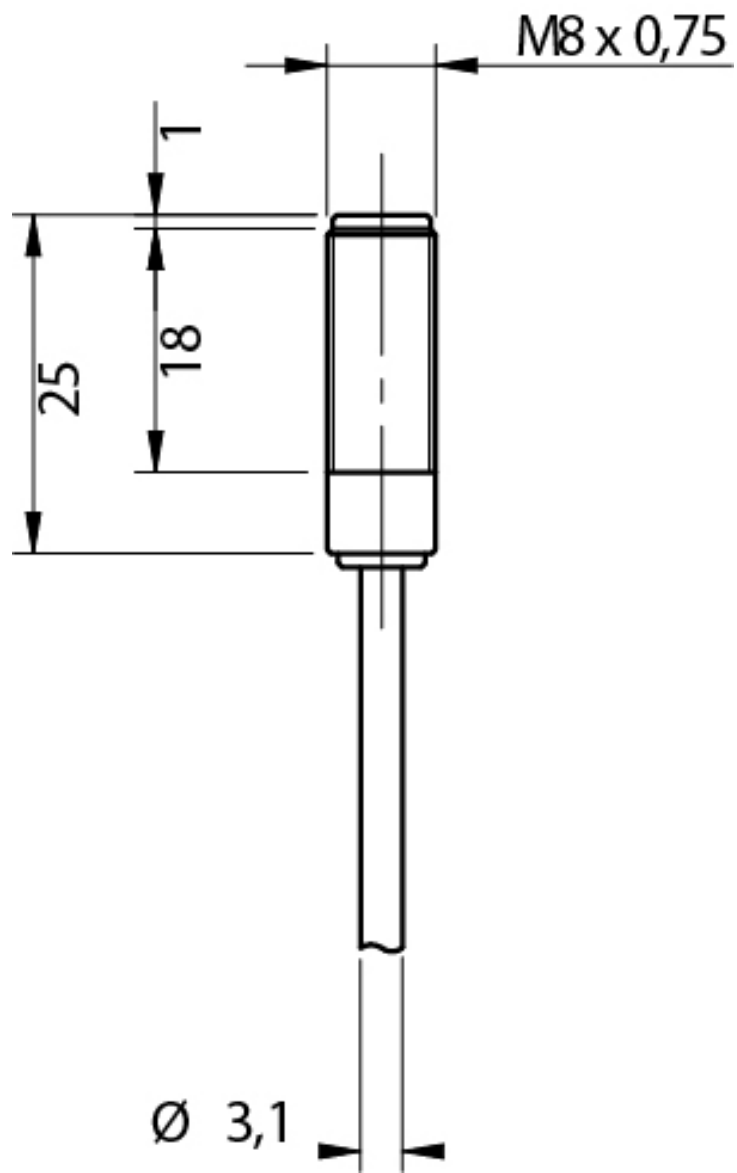
# CONNECTIONS

Electrical diagram

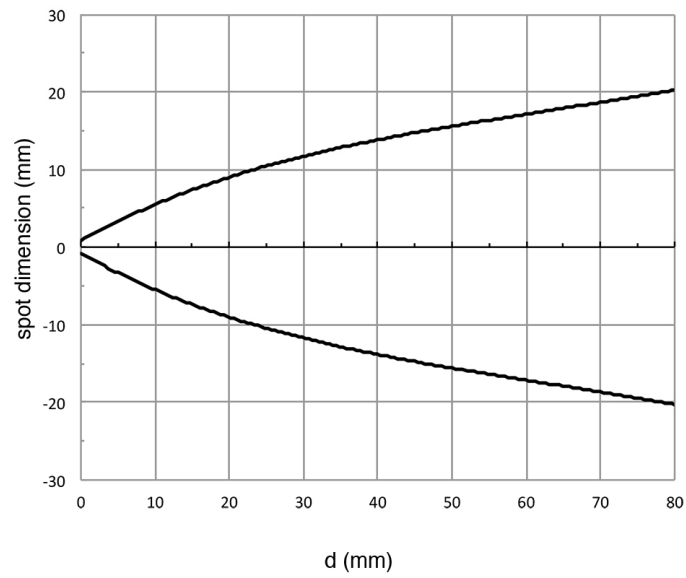


# OTHERS

Dimensions



Response curves



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