



RX

RXE/00-3A

Photo.Maxi,IR emiss.,M12 plug,Emitter

**MAXI WITH STATIC OUTPUT DC OR WITH RELAY OUTPUT
AC/DC**

OVERVIEW

- Models: diffuse reflection, retro-reflective, polarized, through-beam and background suppression
- Series with high performances and wide possibilities of installation
- High sensing distance and very small dimensions
- Relay output or multifunctional DECOU[®]
- Timer function delay on, delay off, one shot; trimmer for sensitivity adjustment
- Switch reducing the emission for fine detection in through-beam types
- LED alignment indicator with 360° visibility, 2 LED indicators (stable signal, output)
- M12 standard plug cable exit; axial and right angle brackets



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	16-32m selectable with switch
Thermal drift of Sr	10% Sr
Repeat Accuracy	5%

Application

Function Principle	Emitter
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Optic position	Axial

Outputs

Output type	Relay SPST
Output Function	
Switching frequency	

Electrical data

Operating Voltage	20...60VDC /20...253VAC/50-60Hz
No-Load supply current	≤ 15mARMS
Load current	3A-250Vac/3A-30Vdc (750VA/90W)
Max ripple content	≤10%
LED indicators	Green (check), Red (x 2 distance)
Time delay before availability	≤200ms
Reverse Polarity Protection	Yes
Emission	LED Infrared (880nm)
Interference to external light	
Impulsive Overvoltage Protection	Yes

Mechanical data

Dimensions	26x86,6x50
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Housing material	PC
Weight	75g
Connections	M12 plug
Active Head Material	PMMA
Operating temperature	- 25°C...+ 70°C (without freeze)
Diameter/Dimension	Cubic

Test/Approvals

Approvals	CE
EMC compatibility	EN 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-28
Degree of protection	IP65

Accessories

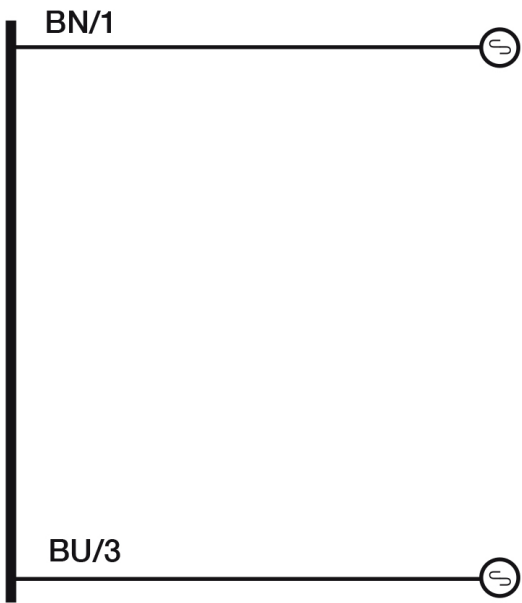
Supplied Accessories	ST80 mounting bracket and screws
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Generical Data

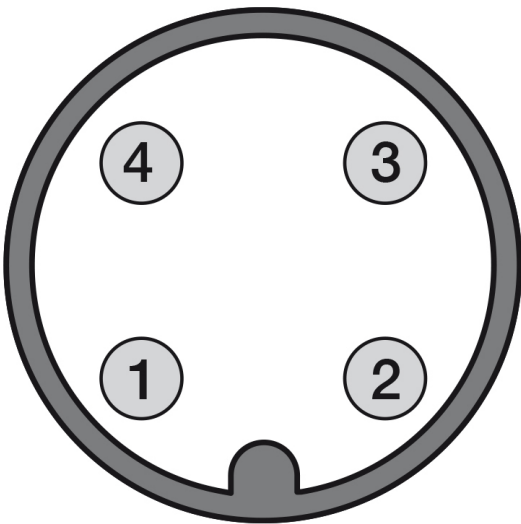
Dimensions	26x86,6x50
Operating Temperature	- 25°C...+ 70°C (Without freeze)
Mechanical Protection	IP65

CONNECTIONS

Eletrical diagram

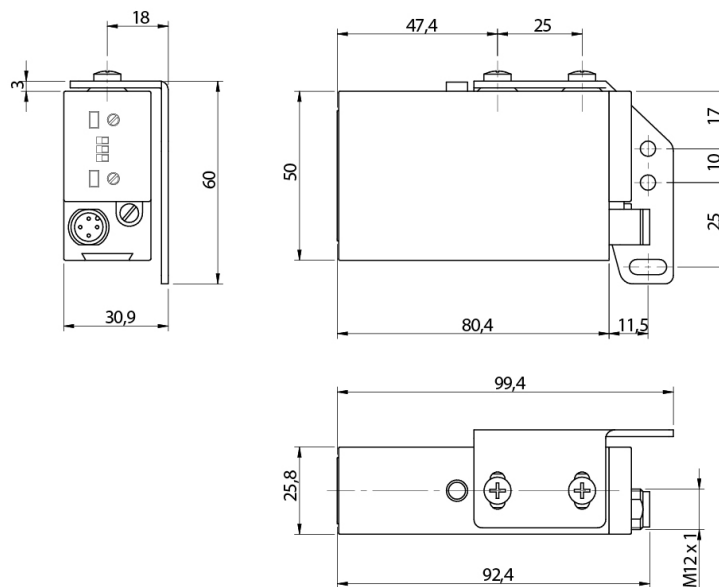


Connector

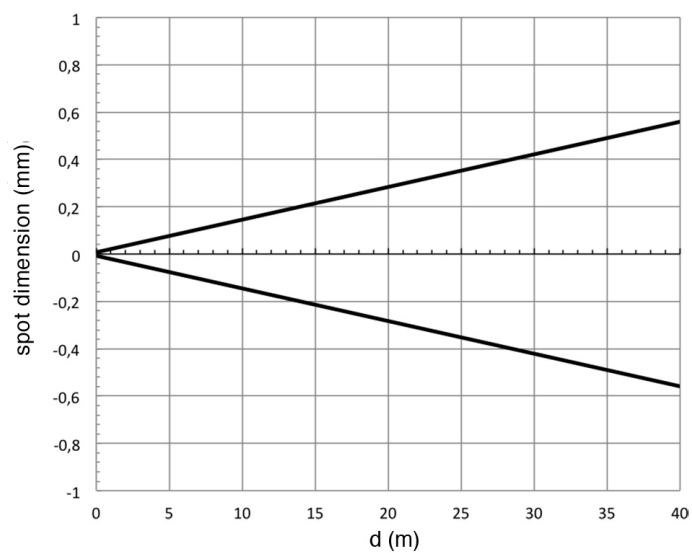


OTHERS

Dimensions



Response curves



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