



Photo.Min, NPN+PNP-NC, M8 plug, Receiver



Function Principle	Receiver
1. The receiver receives the signal from the transmitter. 2. The receiver amplifies the signal. 3. The receiver filters the signal. 4. The receiver demodulates the signal. 5. The receiver converts the signal to a digital format. 6. The receiver stores the signal. 7. The receiver outputs the signal to the user.	1. The receiver receives the signal from the transmitter. 2. The receiver amplifies the signal. 3. The receiver filters the signal. 4. The receiver demodulates the signal. 5. The receiver converts the signal to a digital format. 6. The receiver stores the signal. 7. The receiver outputs the signal to the user.

Optic position	Radial 90°
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Outputs

Output type	NPN/PNP Selectable NC
Output Function	NC
Switching frequency	500Hz
Response time	1ms

Electrical data

Operating Voltage	10...30VDC
No-Load supply current	≤ 5mA
Load current	≤300mA
Leakage current	≤ 100μA @ 30Vdc
Output voltage drop	≤1,2V@Iload=100mA
Max ripple content	≤10%
LED indicators	Red(output status) , Geen (stability)
Time delay before availability	≤200ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	

Interference to external light	3000lux Incandescent Lamp, 10000lux
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Mechanical data

Dimensions	15x23x87
Material	ABS
Housing material	
Weight	70g
Connections	M8 plug 4pin
Active Head Material	Acrylic
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	ST70 mounting brakets and screws
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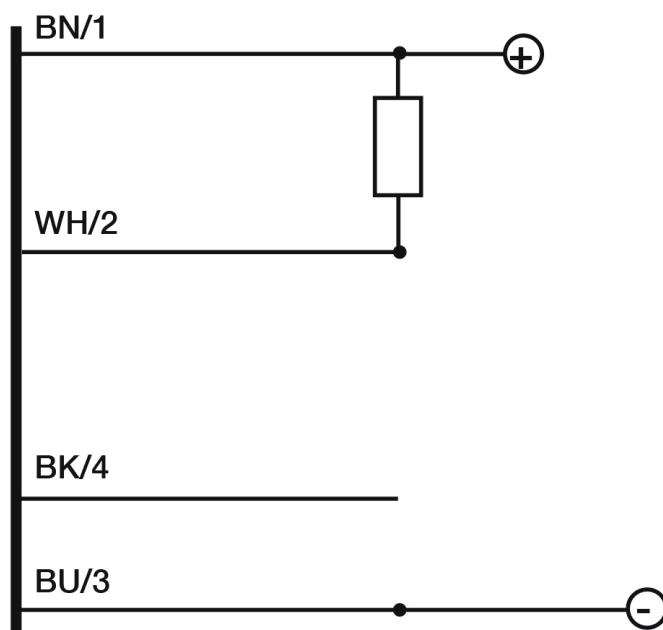
Generical Data

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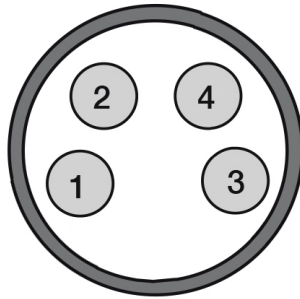
Dimensions	15x23x40
Operating Temperature	- 15°C...+ 55°C (Without freeze)
Mechanical Protection	IP65

CONNECTIONS

Eletrical diagram



Connector

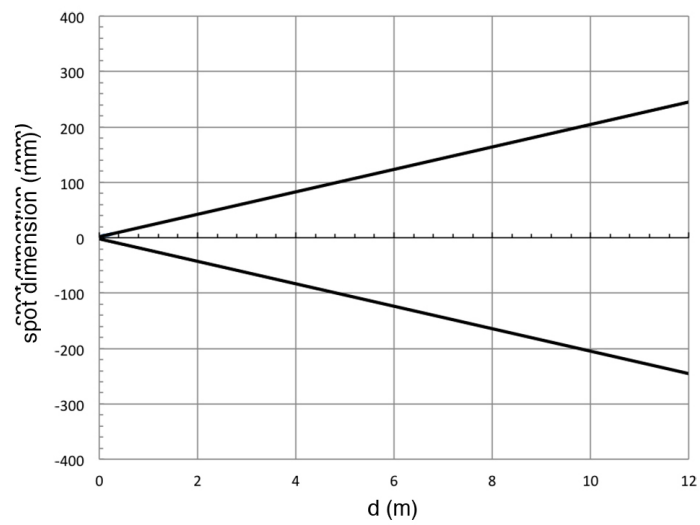


OTHERS

Dimensions

Image:

Response curves



**Datasensing
S.r.l.**

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

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