



Detection properties

Nominal sensing distance	8000mm
Thermal drift of Sr	±5%
Repeat Accuracy	1% valore fondoscala
Beam angle	10° ± 2°
Resolution	1% valore fondoscala
Sensitivity adjustment	Teach-in button
Hysteresis	1% valore fondoscala
thermal compensation	Si
Minimum sensing distance (blind zone)	600mm
Linearity error	1% valore fondoscala

Application

Function Principle	Diffuse reflection
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Outputs

Output type	PNP + 4...20mA
Output Function	NO/NC + positive/negative slope
Switching frequency	1Hz

Response time	1s
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Electrical data

Operating Voltage	10 - 30Vdc
No-Load supply current	25mA
Load current	100mA
Leakage current	$\leq 10\mu\text{A}$ @ 30Vdc
Output voltage drop	2,2V max @ IL=100mA
Max ripple content	5%
LED indicators	Verde: Eco - Giallo: Uscita
Time delay before availability	$\leq 400\text{ms}$
Short-circuit protection	Sì
Reverse Polarity Protection	Sì
Impulsive Overvoltage Protection	Sì

Mechanical data

Dimensions	$\varnothing 61\text{mm}$ / L = 115mm
Weight	400g
Housing Material	AISI316L
Connections	M12 Plug
Tightening torque	100Nm
Operating temperature	-20°C...+70°C
Storage temperature	-30°C...+80°C
Transducer Frequency	40KHz
Diameter/Dimension	M30

Test/Approvals

Approvals	CE cULus
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	IEC EN 60947-5-2 / 7.4
Degree of protection	IP67

Accessories

Supplied Accessories	2 x M30x1,5 dadi
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VoxinTech

Email: info@voxintech.com

Web: www.voxintech.com