



EXTENDED RANGE OF STANDARD "ONE FOR ALL" PHOTOELECTRIC COMPACT SENSORS

- Complete range of optic functions, basic, advanced and laser class 1
- Models with coaxial optics for polarized retroreflective, contrast and luminescence sensors
- Trimmer or EASY touch™ setting with
- Remote, Keylock and Delay functions
- Standard cable or M12 connection with standard NPN or PNP configuration

Detection properties

Nominal sensing distance
Sensitivity adjustment

1m
Trimmer

Application

Function Principle
Description
Optic position
Functions

Diffuse beam
Compact square case
axial
Diffuse beam

Outputs

Output type
Output Function
Switching frequency
Response time

PNP NO+NC
NO+NC
250Hz
1ms

Electrical data

Operating Voltage
No-Load supply current
Load current
Output voltage drop
Max ripple content

10...30VDC
≤ 40mA
≤ 100mA
≤ 2V@Iload=100mA
≤ 2 Vpp

LED indicators	Yellow (status output) Green (stability)
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED Red
Interference to external light	according to EN 60947-5-2 : 2020
Impulsive Overvoltage Protection	Yes
Insulation resistance	>20 M Ω 500 Vdc, between electronics and housing
Contact resistance	500 Vac 1 min., between electronics and housing

Mechanical data

Dimensions	15X50X50
Housing Material	ABS/PMMA
Connections	M12 plug
Active Head Material	PMMA
Storage temperature	- 25°C...+70°C
Material	
Diameter/Dimension	Cubic

Test/Approvals

Approvals	CE cULus
Shocks and vibrations	0.5 mm amplitude, 10 ... 55 Hz frequency, for every axis (EN60068-2-6)

Generical Data

Dimensions	15X50X50
Operating Temperature	- 25°C...+ 55°C (Without freeze)
Mechanical Protection	IP67

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