



## 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

20mm

Teach-in

### Application

Function Principle  
Description  
Optic position  
Functions

Contrast mark detection  
Compact square case  
axial  
Contrast mark detection

### Outputs

Output type  
Output Function  
Switching frequency  
Response time

PNP L/D selectable  
L/D selectable  
5Khz  
100µs (5kHz)

### 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/red READY/ERROR LED
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED white
Interference to external light	according to EN 60947-5-2 : 2020
Impulsive Overvoltage Protection	Yes
Insulation resistance	>20 M $\Omega$ 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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