



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

NPN 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 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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