



S60

956201190

S60-PA-5-C01-NN

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

OVERVIEW

- 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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	1m
Sensitivity adjustment	Trimmer

Application

Function Principle	Diffuse beam
Description	Compact square case
Optic position	axial

Functions	Diffuse beam
Outputs	
Output type	NPN NO+NC
Output Function	NO+NC
Switching frequency	250Hz
Response time	1ms
Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 40mA
Load current	≤100mA
Output voltage drop	≤2V@Iload=100mA
Max ripple content	≤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 MΩ 500 Vdc, between electronics and housing
Contact resistance	500 Vac 1 min., between electronics and housing

Mechanical data

Dimensions	15X50X50
Material	
Housing material	ABS/PMMA
Connections	M12 plug
Active Head Material	PMMA
Storage temperature	- 25°C...+70°C
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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S.r.l.**

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