



S60

956201660

S60-PL-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 touchTM 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	600mm
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Sensitivity adjustment	Trimmer
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Application

Function Principle	Diffuse beam
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Description	Compact square case
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Optic position	axial
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Functions	
Diffuse beam	
Outputs	
Output type	NPN NO+NC
Output Function	NO+NC
Switching frequency	1,5Khz
Response time	250μs
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	LASER 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	- 10°C...+ 55°C (Without freeze)
Mechanical Protection	IP67

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