



# S60

## 956201110

### S60-PA-5-C11-PP

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	2m
Sensitivity adjustment	Trimmer

### Application

Function Principle	Diffuse beam
Description	Compact square case
Optic position	axial

Functions	Diffuse beam
<b>Outputs</b>	
Output type	PNP NO+NC
Output Function	NO+NC
Switching frequency	250Hz
Response time	1ms
<b>Electrical data</b>	
Operating Voltage	10...30VDC
No-Load supply current	$\leq 40\text{mA}$
Load current	$\leq 100\text{mA}$
Output voltage drop	$\leq 2\text{V}@I_{\text{load}}=100\text{mA}$
Max ripple content	$\leq 2\text{ V}_{\text{pp}}$
LED indicators	Yellow (status output) Green (stability)
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED Infrared
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
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Contact resistance	500 Vac 1 min., between electronics and housing
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#### Mechanical data

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

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

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