



S60

956201220

S60-PA-5-M08-NH

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	200mm
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Sensitivity adjustment	Teach-in
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Application

Function Principle	Blackground suppression
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Description	Compact square case
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Optic position	axial
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Functions	Background suppression
Outputs	
Output type	NPN L/D Selectable
Output Function	L/D Selectable
Response time	500µs
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/red READY/ERROR LED
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
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Mechanical data

Dimensions	15X50X50
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Material	
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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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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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Datasensing
S.r.l.

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