



S62

956211110

S62-PL-5-B01-PP

THE MOST COMPLETE UNIVERSAL SENSOR IN A
COMPACT 50 X 50 MM HOUSING

OVERVIEW

- Sensors with red, infrared LED or LASER emission
- Background suppression from 3 cm to 2 m
- Polarized retroreflective up to 20 m
- Multivoltage 24-240Vac/24-60Vdc with Relay output
- NPN/PNP output NO-NC configuration

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	20m
Sensitivity adjustment	Trimmer

Application

Function Principle	Polarized retroreflective
Description	Compact square case
Optic position	axial

Functions	Polarized retroreflective
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Outputs	
Output type	PNP NO+NC
Output Function	NO+NC
Response time	0,2

Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 30mA
Load current	≤100mA
Output voltage drop	≤2V@Iload=100mA
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	18x50x50

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	18x50x50
Mechanical Protection	IP67

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