



S62

956201910

S62-PA-5-M21-NN

**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	1,2m
Sensitivity adjustment	Trimmer

Application

Function Principle	Blackground suppression
Description	Compact square case
Optic position	axial

Functions	Background suppression
Outputs	
Output type	NPN NO+NC
Output Function	NO+NC
Response time	1
Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 30mA
Load current	≤100mA
Output voltage drop	≤2V@Iload=100mA
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
Contact resistance	500 Vac 1 min., between electronics and housing

Mechanical data

Dimensions	18x50x50
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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	18x50x50
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Mechanical Protection	IP67
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