



S62

956211090

S62-PA-5-M35-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	2m
Sensitivity adjustment	Trimmer

Application

Function Principle	Background suppression
Description	Compact square case
Optic position	axial

Functions	Background suppression
Outputs	
Output type	PNP NO+NC
Output Function	NO+NC
Response time	1,5
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	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

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

Datasensing S.r.l.

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

**date of
printing**
10/08/2026
00:59:52