



S62

956201930

S62-PA-5-M25-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
------------	----------

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
04:58:17