



S60

956201250

S60-PA-5-T51-NN

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 touch™ 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	1,5m
Sensitivity adjustment	Trimmer

Application

Function Principle	Polarized retroreflective for clear object
Description	Compact square case
Optic position	axial

Functions	Polarized retroreflective for clear object
Outputs	
Output type	NPN NO+NC
Output Function	NO+NC
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 (stability)
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
--------------------	---

Mechanical data

Dimensions	15X50X50
------------	----------

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	15X50X50
------------	----------

Operating Temperature	- 25°C...+ 55°C (Without freeze)
-----------------------	----------------------------------

Mechanical Protection	IP67
-----------------------	------

Datasensing
S.r.l.

Strada S.Caterina, 235
41122 Modena (MO)

**date of
printing**
10/08/2026
03:09:30

Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com