



S6

961031010

S6T-5-B5-P

MULTIVOLTAGE 50X50 MM COMPACT SENSORS SERIES

OVERVIEW

- 50x50 mm compact dimensions
- Free voltage Vac/Vdc models with relay output
- 10-30 Vdc model with transistor output
- Standard cable or M12 4-pole connection

TECHNICAL FEATURES

Detection properties

Nominal sensing distance

5m

Sensitivity adjustment

Trimmer

Application

Function Principle

Polarized retroreflective

Description

Compact square case

Functions

Polarized retroreflective

Outputs

Output type	PNP - Dark mode L/D selectable by cable/connector
Output Function	L/D selectable by cable/connector
Switching frequency	500Hz
Response time	1ms

Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 30mA
Load current	≤100mA
LED indicators	Red OUTPUT
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

Mechanical data	
Dimensions	18x50x50
Material	
Housing material	ABS

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
Operating Temperature	- 25°C...+ 55°C (Without freeze)
Mechanical Protection	IP65

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
08:19:39