



S6

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S6-5-B5

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	NPN / PNP L/D Selectable
Output Function	L/D Selectable
Switching frequency	500Hz
Response time	1ms

Electrical data

Operating Voltage	10...30VDC
No-Load supply current	≤ 30mA
Load current	≤100mA
Output voltage drop	≤1,5V@Iload=100mA
LED indicators	Red OUTPUT
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED Red
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

EMC compatibility	EN 60947-5-2
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Generical Data

Dimensions	18x50x50
Operating Temperature	- 25°C...+ 55°C (Without freeze)
Mechanical Protection	IP65

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