



S6

950201250

S6R-5-M50-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	500mm
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Sensitivity adjustment	Trimmer
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Application

Function Principle	Background suppression
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Description	Compact square case
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Functions	Background suppression
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Outputs

Output type	PNP - Light 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 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

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

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