



S6

S937830000

S6-5-M25
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	250mm
Sensitivity adjustment	Trimmer

Application

Function Principle	Background suppression
Description	Compact square case
Functions	Background suppression

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, green STABILITY
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED Infrared
Impulsive Overvoltage Protection	Yes

Mechanical data

Dimensions	18x50x50
Material	
Housing material	ABS

Connections	M12 plug
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Active Head Material	PMMA
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Storage temperature	- 25°C...+70°C
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Diameter/Dimension	Cubic
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Test/Approvals

EMC compatibility	EN 60947-5-2
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Generical Data

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