

Image:

SS-SP

SPD/0P-0E

Photo.M18,PNP-NO/NC,M12 plug,Receiver

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	14m
Thermal drift of Sr	$\leq 10\%$ Sr
Sensitivity adjustment	Trimmer

Application

Function Principle	Receiver
Emitter/Receiver	Receiver
Optic position	Radial 90°

Outputs

Output type	PNP L/D Selectable
Output Function	L/D Selectable
Switching frequency	250Hz
Response time	2ms

Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 30mA
Load current	≤100mA
Leakage current	≤10μA
Output voltage drop	≤2,5V@Iload=100mA
Max ripple content	≤10%
LED indicators	Yellow (status output)
Time delay before availability	≤200ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	LED Infrared (880nm)
Interference to external light	5000lux (incandescent lamp), 10000lux (sunlight)
Impulsive Overvoltage Protection	Yes
Mechanical data	
Housing material	PBT / PC plug
Connections	M12 plug
Active Head Material	PMMA

Tightening torque	1Nm
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Diameter/Dimension	M18
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Test/Approvals

Approvals	CE cULus
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EMC compatibility	EN 60947-5-2
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Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
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Accessories

Supplied Accessories	nuts M18 x 1, screwdriver
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Generical Data

Dimensions	M18 x 1 /L =75,7mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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