

Image:

SS-SP

SPC/DP-0E

Photo.M18,PNP-DO,M12 plug,Reflex

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	5m
Thermal drift of Sr	≤10% Sr
Sensitivity adjustment	No

Application

Function Principle	Receiver
Optic position	Radial 90°

Outputs

Output type	PNP Don
Output Function	Don
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	≤1,2V@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	3000lux (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

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
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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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