



SS-SP

SSP/LP-1E

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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	4m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Polarized
Notes	On RL110 reflector
Optic position	Axial

Outputs

Output type	PNP Lon
Output Function	Lon
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
Reverse Polarity Protection	Yes
Emission	LED Red (660nm)
Interference to external light	3000lux (incandescent lamp), 10000lux (sunlight)
Impulsive Overvoltage Protection	Yes
Mechanical data	
Housing material	Nickel plated brass / PC plug
Connections	M12 plug
Active Head Material	PMMA

Tightening torque	25Nm
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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
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Generical Data

Dimensions	M18 x 1 /L =78mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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**date of
printing**
09/08/2026
23:30:09