

SS-SP

SSP/0P-1E3X

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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	4m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
Sensitivity adjustment	Trimmer

Application

Function Principle	Polarized
Notes	On RL110 reflector
Optic position	Axial

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	≤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 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
Diameter/Dimension	M18

Test/Approvals

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

Accessories

Supplied Accessories	nuts M18 x 1, screwdriver

Generical Data

Dimensions	M18 x 1 /L =78mm
Operating Temperature	- 25°C…+ 70°C (Without freeze)
Mechanical Protection	IP67

Datasensing S.r.l.
Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

date of printing
24/11/2026
06:38:18