

Image:

SS-SP

SPC/LP-0E

Photo.M18,PNP-LO,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 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
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
--------------------	-----

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
----------------------	--------------

Generical Data

Dimensions	M18 x 1 /L =75,7mm
------------	--------------------

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**
09/08/2026
23:31:15