

Image:

SS-SP

SSV/AP-1A

Photo.M18,PNP-NO,Cable,Receiver

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	14m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
minimum detectable object	Ø 1mm
Sensitivity adjustment	No

Application

Function Principle	Receiver
Emitter/Receiver	Receiver
Optic position	Axial

Outputs

Output type	PNP NO
Output Function	NO

Switching frequency	250Hz
Response time	2ms
Electrical data	
Operating Voltage	10...30VDC
No-Load supply current	≤ 20mA
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
Interference to external light	5000lux (incandescent lamp), 10000lux (sunlight)
Impulsive Overvoltage Protection	Yes
Mechanical data	
Housing material	Nickel plated brass / PC cable exit
Connections	2m PVC cable

Active Head Material	PMMA
Tightening torque	25Nm
Optical fibre material	PMMA
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
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Generical Data

Dimensions	M18 x 1/L=63,9mm
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

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