

## SS-SP



### Detection properties

Nominal sensing distance	5m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%

### Application

Function Principle	Retroreflective
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 Infrared (880nm)
Interference to external light	3000lux (incandescent lamp), 10000lux (sunlight)
Impulsive Overvoltage Protection	Yes

### **Mechanical data**

Housing Material	Nickel plated brass / PC cable exit
Connections	5m PVC cable
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
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### **Generical Data**

Dimensions	M18 x 1/L=63,9mm
Operating Temperature	- 25°C...+ 70°C (Without freeze)
Mechanical Protection	IP67

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