



SS-SP

SSC/0P-1A86

Photo.M18,PNP-NO/NC,Cable,Reflex

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	5m
Thermal drift of Sr	$\leq 10\%$ 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
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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=63,9mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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