

Image:

MS-MP

MSN/00-0A

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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	3,5m
Thermal drift of Sr	$\leq 10\%$ Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Polarized
Notes	On RL110 reflector
Optic position	Axial

Outputs

Output type	Decout NPN/PNP Selectable NO/NC Selectable
Output Function	NO/NC Selectable
Switching frequency	80Hz

Response time	6,25ms
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	Red (status output)
Time delay before availability	≤200ms
Short-circuit protection	Short circuit (autoreset), Overvoltage
Emission	LED Red (660nm)
Interference to external light	3000lux (incandescent lamp), 10000lux (sunlight)
Impulsive Overvoltage Protection	Impulsive Overvoltage Protection
Mechanical data	
Housing material	PBT / PC cable exit
Connections	2m PVC cable
Active Head Material	PMMA

Tightening torque	1Nm
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Diameter/Dimension	M18
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Test/Approvals

Approvals	CE cURus
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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, screwdriver
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Generical Data

Dimensions	M18 x 1 /L =78,9mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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