

Image:

MS-MP

MP0/00-1H6KDA

Photo.M18,NPN/PNP-NO/NC,M12 plug,BGS

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	50mm
Thermal drift of Sr	$\leq 10\%$ Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Blackground suppression
Notes	white target Kodak 90% 100 x 100mm
Optic position	Radial 90°

Outputs

Output type	Decout NPN/PNP Selectable NO/NC Selectable
Output Function	NO/NC Selectable
Switching frequency	1Khz

Response time	500 μ s
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Electrical data

Operating Voltage	10...30VDC
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No-Load supply current	\leq 40mA
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Load current	\leq 100mA
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Leakage current	\leq 10 μ A
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Output voltage drop	\leq 1,2V@Iload=100mA
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Max ripple content	\leq 10%
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LED indicators	Yellow (status output)
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Time delay before availability	\leq 200ms
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Short-circuit protection	Short circuit (autoreset), Overvoltage
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Emission	LED Infrared (880nm)
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Interference to external light	3000lux (incandescent lamp), 10000lux (sunlight)
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Impulsive Overvoltage Protection	Impulsive Overvoltage Protection
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Mechanical data

Housing material	Nickel plated brass / PC plug
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Connections	M12 plug
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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 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
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Generical Data

Dimensions	M18 x 1 /L =88,8 x 29,7mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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**date of
printing**
14/06/2026
04:07:38