



# MS-MP

## MP0/00-0E6KDA

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
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Output Function	NO/NC Selectable
Switching frequency	1Khz
Response time	500 $\mu$ s

#### Electrical data

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

#### Mechanical data

Housing material	PBT / PC plug
Connections	M12 plug

Active Head Material	PMMA
Tightening torque	1Nm
Diameter/Dimension	M18

#### Test/Approvals

Approvals	CE cURus
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 =88,8 x 29,7mm
Operating Temperature	- 25°C...+ 70°C (Without freeze)
Mechanical Protection	IP67

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