



MS-MP

MPE/00-0A86

Photo.M18,IR emiss.,Cable,Emitter

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	16m (MPR), 32m (MPD)
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Thermal drift of Sr	$\leq 10\%$ Sr
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Repeat Accuracy	5%
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Sensitivity adjustment	No
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Application

Function Principle	Emitter
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Emitter/Receiver	Emitter
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Optic position	Radial 90°
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Outputs

Output type

Electrical data

Operating Voltage	10...30VDC
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No-Load supply current	$\leq 15\text{mA}$
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Max ripple content	$\leq 10\%$
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LED indicators	Red (powerON)
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Time delay before availability	$\leq 200\text{ms}$
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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	PBT / PC cable exit
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Connections	5m PVC cable
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Active Head Material	PMMA
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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

Accessories

Supplied Accessories

nuts M18 x 1

Generical Data

Dimensions

M18 x 1 /L =74,7 x 29,7mm

Operating Temperature

- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

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**date of
printing**
10/08/2026
00:06:24