



MS-MP

MSE/00-1H

Photo.M18,IR emiss.,M12 plug,Emitter

TECHNICAL FEATURES

Detection properties	
Nominal sensing distance	16m (MSR), 32m (MSD)
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
Sensitivity adjustment	No
Application	
Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Axial
Outputs	
Output type	
Electrical data	
Operating Voltage	10...30VDC

No-Load supply current	≤ 15mA
Max ripple content	≤10%
LED indicators	Red (powerON)
Time delay before availability	≤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	Nickel plated brass / PC plug
Connections	M12 plug
Active Head Material	PMMA
Tightening torque	25Nm
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

Generical Data

Dimensions

M18 x 1 /L =93mm

Operating Temperature

- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

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