



MS-MP

MPE/00-1H

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

TECHNICAL FEATURES

Detection properties

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

Application

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

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 =88,8 x 29,7mm

Operating Temperature

- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

Datasensing S.r.l.

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

**date of
printing**
10/08/2026
04:37:33