

Image:

MS-MP

MPE/X0-1H

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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	16m (MPR), 32m (MPD)
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Thermal drift of Sr	≤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 with check
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Check Input	Check input 4,5..30Vdc swithing off the emission
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Optic position	Radial 90°
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Outputs

Output type	
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Electrical data

Operating Voltage	10...30VDC
No-Load supply current	≤ 35mA
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

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