

MS-MP

MQ0/00-0E6KDA

Photo.M18,AC-NO/NC,M12 plug,BGS

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	50mm
Thermal drift of Sr	≤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	TRIAC L/D Selectable

Output Function	L/D Selectable
Switching frequency	25Hz
Response time	20ms

Electrical data

Operating Voltage	20...253VAC/50-60Hz
No-Load supply current	≤ 40mARMS
Load current	5…300mARMS
Leakage current	≤1,5mARMS IL=250Vca
Output voltage drop	≤3V@Iload=300mARMS
Max ripple content	≤10%
LED indicators	Yellow (status output)
Time delay before availability	≤200ms
Emission	LED Infrared (880nm)
Interference to external light	3.000lux (incandescent lamp), 10.000lux (sunlight)
Impulsive Overvoltage Protection	Yes

Mechanical data

Housing material	PBT / PC plug
Connections	M12 plug
Active Head Material	PMMA

Tightening torque	1Nm
Storage temperature	- 55°C…+80°C
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	M18x1/L=78,9mm
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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