



DM

DME/X0-1H

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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	4m
Thermal drift of Sr	≤10% Sr
Repeat Accuracy	5%
Sensitivity adjustment	Teach-in

Application

Function Principle	Emitter
Emitter/Receiver	Emitter
Optic position	Axial

Outputs

Output type

Electrical data

Operating Voltage	10...30VDC
-------------------	------------

No-Load supply current	≤ 30mA
Max ripple content	≤10%
LED indicators	Yellow (Power ON)
Time delay before availability	≤150ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	LED Infrared (880nm)
Impulsive Overvoltage Protection	Yes

Mechanical data

Housing material	Nickel plated brass
Connections	M12 plug
Active Head Material	PMMA
Diameter/Dimension	M12

Test/Approvals

Approvals	CE cULus
EMC compatibility	EN 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

Accessories

||
||
||

Supplied Accessories

nuts M12 x 1

Generical Data

Dimensions

M12x1/L=65,5mm

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**

09/08/2026
23:29:05