

Image:

DM

DME/X0-1A

Photo.M12,IR emiss.,Cable,Emitter

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	4m
Thermal drift of Sr	$\leq 10\%$ 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 / PBT cable exit
Connections	2m PVC cable
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

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Supplied Accessories

nuts M12 x 1

Generical Data

Dimensions

M12x1/L=54,5mm

Operating Temperature

- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

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