



DM

DME/00-1HAN

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

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

Approvals	CE cULus Ex: II 3G Ex nA IIC T6 Gc II 3D Ex tc IIIB T85°C Dc
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EMC compatibility	EN 60947-5-2
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Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
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Accessories

Supplied Accessories	nuts M12 x 1
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Generical Data

Dimensions	M12x1/L=65,5mm
Operating Temperature	- 25°C...+ 70°C (Without freeze)
Mechanical Protection	IP67

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