

Image:

VM

VM2/A0-2A

Ind.M12,2 wires AC-NO,Cable,Nsch-STD

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	4mm
Operanting distance	0...3,2mm
Standard target	12x12mm FE360
Correction Factor	copper: 0,45 / aluminium: 0,50 / brass: 0,60 / stainless steel: 0,80
Thermal drift of Sr	< 10%
Repeat Accuracy	< 5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Application

Description	M12 standard no-flush mount
Functions	Proximity

Outputs

Output type	TRIAC
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Output Function	NO
Switching frequency	25Hz
Electrical data	
Operating Voltage	20...250Vac/50...60Hz
Load current	5...300mA
Output voltage drop	See curves
Max ripple content	≤ 10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 200ms
Mechanical data	
Mounting	Unshielded
Material	Nickel-plated brass
Housing material	Nickel-plated brass
Connections	2m PVC Cable
Active Head Material	PBT
Tightening torque	10Nm
Diameter/Dimension	M12
Test/Approvals	

Approvals

CE UR

EMC compatibility

IEC 60947-5-2

Shocks and vibrations

Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

Accessories

Supplied Accessories

2 nuts M12x1

Generical Data

Dimensions

M12 x 1 / L = 56,5mm

Operating Temperature

-25°C...+70°C

Mechanical Protection

IP67

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