

Image:

VK

VM2/A0-1A

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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	2mm
Operanting distance	0...1,62mm
Standard target	12x12mm FE360
Correction Factor	copper: 0,40 / aluminium: 0,50 / brass: 0,55 / stainless steel: 0,75
Thermal drift of Sr	< 10%
Repeat Accuracy	< 5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Application

Description	M18 standard 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
Leakage current	≤ 1mA RMS max
Output voltage drop	See curves
Max ripple content	≤ 10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 200ms
Inrush current	7A (Ton = 10ms)

Mechanical data	
Mounting	Shielded
Material	Nickel-plated brass
Housing material	Nickel-plated brass
Connections	2m PVC Cable
Active Head Material	PBT
Tightening torque	25Nm

Diameter/Dimension	M18
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Test/Approvals

Approvals	CE UR
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EMC compatibility	IEC 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	2 nuts M12x1
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Generical Data

Dimensions	M12 x 1 / L = 56,5mm
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Operating Temperature	-25°C...+70°C
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Mechanical Protection	IP67
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