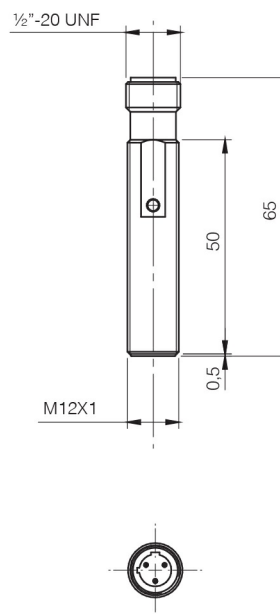


V3M1/R0-3Q

cylindrical inductive



Indicative image



HM 2004



Detection properties

Nominal sensing distance	4mm
Operating distance	0...3,2mm
Standard target	12x12mm FE360
Correction Factor	rame: 0,48 / alluminio: 0,54 / ottone: 0,60 / acciaio INOX: 0,86
Thermal drift of Sr	< 10%
Repeat Accuracy	5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Outputs

Output type	MOSFET
Output Function	NO (Vac) - NO/NC (Vdc)
Switching frequency	25Hz (AC) - 750Hz (DC)

Electrical data

Operating Voltage	20 - 250Vac - 50/60Hz - 20...250Vdc
Load current	600mA/150ms (AC/DC)
Leakage current	1mA (Vac) - 0,7mA (Vdc)
Output voltage drop	Vibrazioni IEC 60068-2-6 / Urti IEC 60068-2-27
Max ripple content	≤10%
LED indicators	LED giallo stato dell'uscita
Time delay before availability	100ms
Short-circuit protection	Si
Impulsive Overvoltage Protection	Si
Inrush current	600mA/150ms (AC/DC)
0,1μF @Vmax - 1μF @Vmin	1μF @Vmax - 1μF @Vmin

Mechanical data

Mounting	Schermato
Dimensions	M12 x 1 / L = 65mm
Weight	20g
Housing Material	Nickel-plated brass
Connections	½" - 20UNF plug
Active Head Material	PA4T
Tightening torque	5...140ma(Vac) - 5...200mA (Vdc)
Operating temperature	-25°C...+70°C

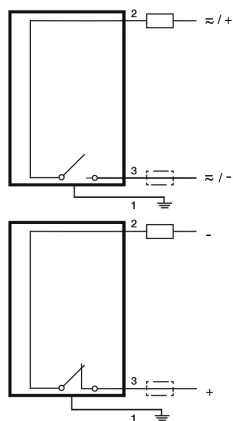
Test/Approvals

Approvals	CE cULus
EMC compatibility	½" - 20UNF Plug
Shocks and vibrations	IEC 60947-5-2
Degree of protection	IP67

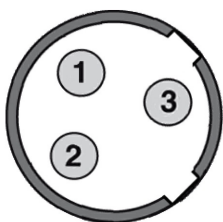
Accessories

Supplied Accessories	2 ghiere M12x1
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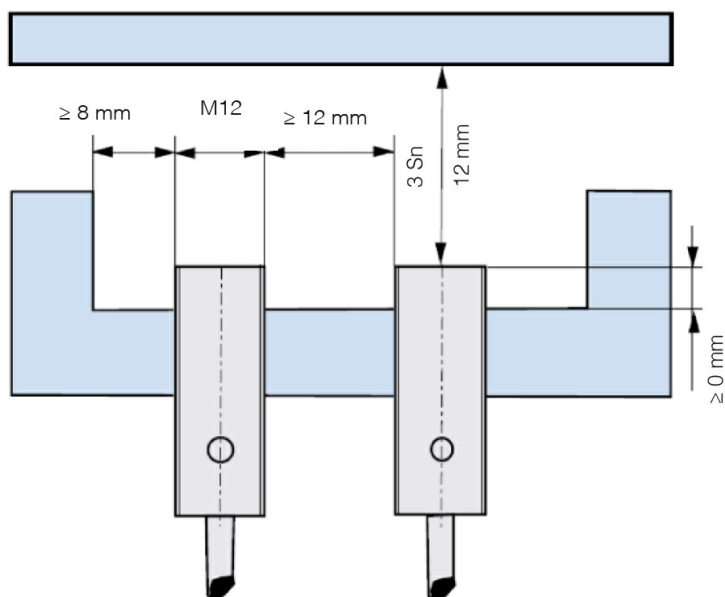
ELECTRICAL DIAGRAMS OF THE CONNECTIONS



CONNECTOR

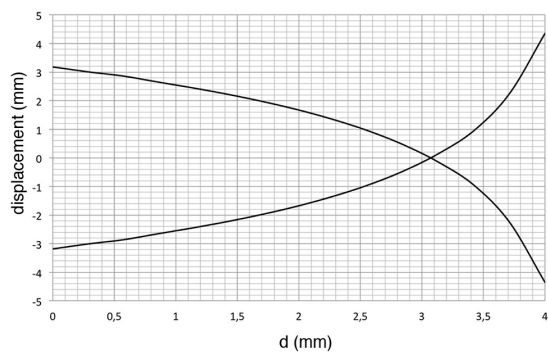


INSTALLATION



RESPONSE CURVES

Disassamento Parallelo



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