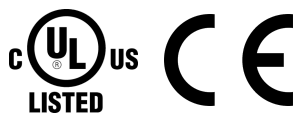
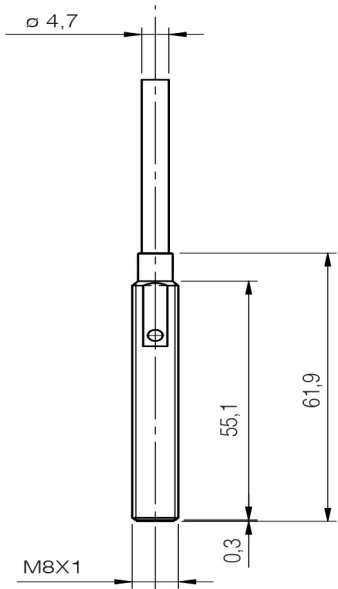




Indicative image

"M8, M12, M18, M30 INDUCTIVE WITH AC/DC SUPPLY VOLTAGE"



Detection properties

Nominal sensing distance	2mm
Operanting distance	0...1,6mm
Standard target	8x8mm FE360
Correction Factor	copper: 0,51 / aluminium: 0,48 / brass: 0,56 / stainless steel: 0,83
Thermal drift of Sr	< 10 %
Repeat Accuracy	5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Outputs

Output type	MOSFET
Output Function	NC
Switching frequency	25Hz (AC) - 900Hz (DC)

Electrical data

Operating Voltage	20...120Vac/50-60Hz - 20...120Vdc
Load current	5...55ma(Vac) - 5...80mA (Vdc)

Leakage current	$\leq 0,55\text{mA (Vac)} - \leq 0,40\text{mA (Vdc)}$
Output voltage drop	$\leq 7,5\text{V (Vac)} - \leq 8,5\text{V (Vdc)}$
Max ripple content	$\leq 10\%$
LED indicators	Yellow LED output state
Time delay before availability	$\leq 100\text{ms}$
Short-circuit protection	Yes
Impulsive Overvoltage Protection	Yes
Inrush current	150mA/150ms (AC/DC)
0,1 μF @Vmax - 1 μF @Vmin	0,1 μF @Vmax - 1 μF @Vmin

Mechanical data

Mounting	Shielded
Dimensions	M8 x 1 / L = 61,9mm
Weight	70g
Housing Material	Nickel-plated brass
Connections	2m PUR Cable
Active Head Material	PA4T
Tightening torque	3Nm
Operating temperature	-25°C...+70°C
Diameter/Dimension	M8

Test/Approvals

Approvals	CE cULus
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection	IP67

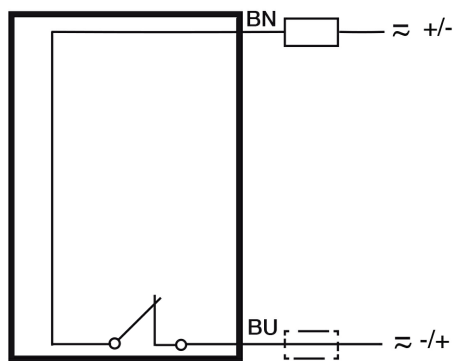
Accessories

Supplied Accessories	2 nuts M8x1
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Generical Data

Dimensions	M8 x 1 / L = 61,9mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

ELECTRICAL DIAGRAMS OF THE CONNECTIONS

**Datasensing S.r.l.**

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail info@datasensing.com

date of printing

29/04/2022 08:44:10