

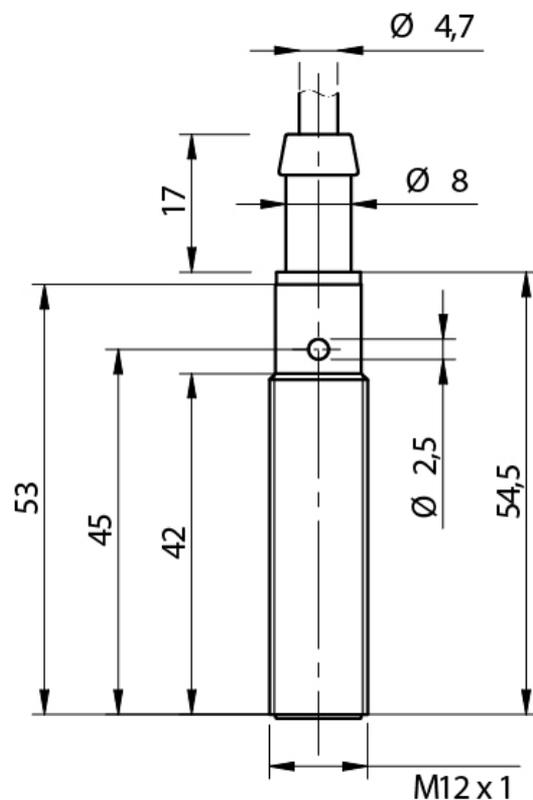
CYLINDRICAL M12 IN AC INDUCTIVE SENSORS



Indicative image



- Output: cable and M12 plug cable exit
- Models with 2 wires
- IP67 protection degree
- Multivoltage 20 ...253 Vac



Detection properties

Nominal sensing distance	2mm
Operating 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	M12 standard flush mount
Functions	Proximity

Outputs

Output type	TRIAC
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
Dimensions	M12 x 1 / L = 71,5mm
Weight	100g
Housing Material	Nickel-plated brass
Connections	2m PVC cable with tang
Active Head Material	PBT
Tightening torque	10Nm
Operating temperature	-25°C...+70°C
Material	Nickel-plated brass
Diameter/Dimension	M12

Test/Approvals

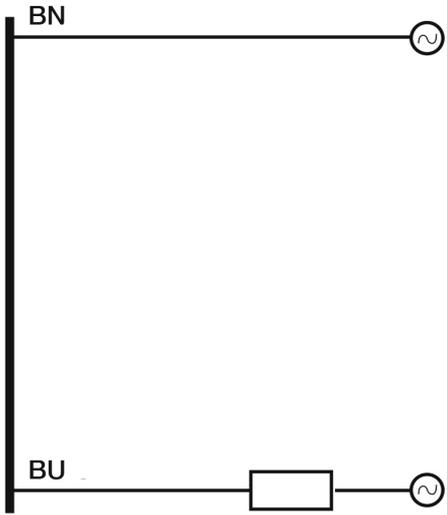
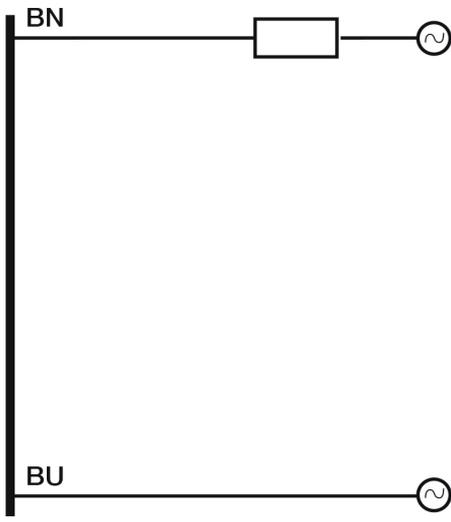
Approvals	CE UR
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection	IP67

Accessories

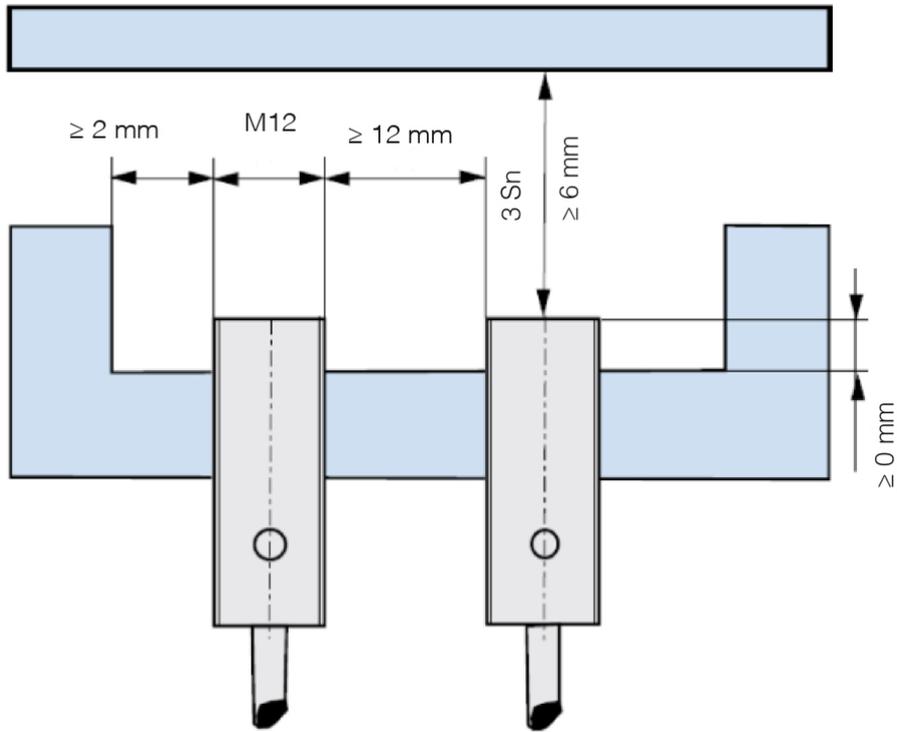
Supplied Accessories	2 nuts M12x1
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Generical Data

Dimensions	M12 x 1 / L = 71,5mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

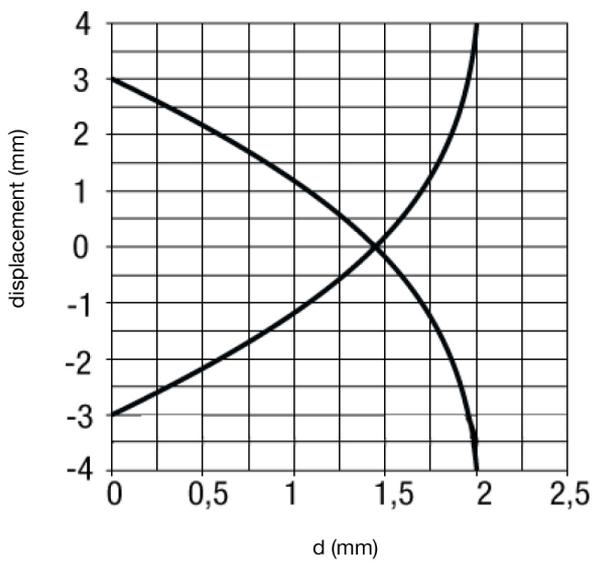


INSTALLATION



RESPONSE CURVES

Parallel offset



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