

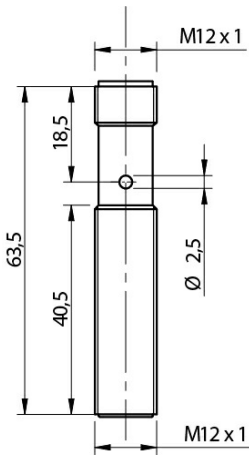


Indicative image



CYLINDRICAL M12 IN AC INDUCTIVE SENSORS

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



Detection properties

Nominal sensing distance	2mm
Operanting distance	0...1,6mm
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%

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	Unshielded
Dimensions	M12 x 1 / L = 64mm
Weight	30g
Housing Material	Nickel-plated brass
Connections	M12 plug
Active Head Material	PBT
Tightening torque	10Nm
Operating temperature	-25°C...+70°C
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

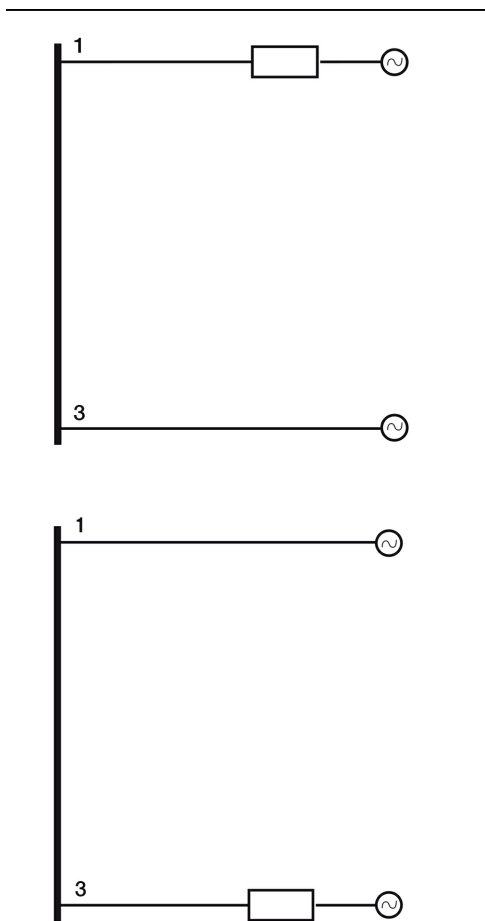
Accessories

Supplied Accessories	2 nuts M12x1
----------------------	--------------

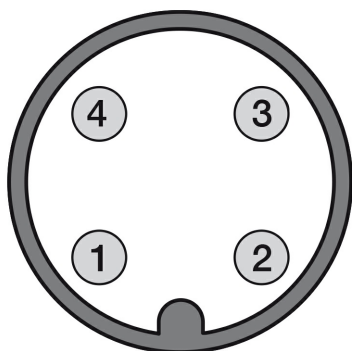
Generical Data

Dimensions	M12 x 1 / L = 64mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

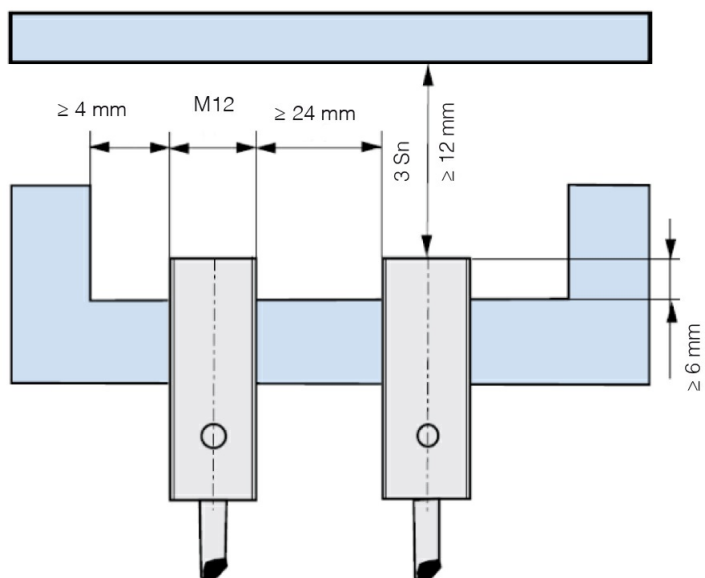
ELECTRICAL DIAGRAMS OF THE CONNECTIONS



CONNECTOR

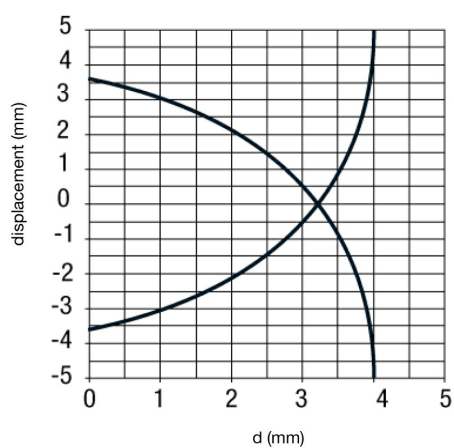


INSTALLATION



RESPONSE CURVES

Parallel offset



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 08:30:49