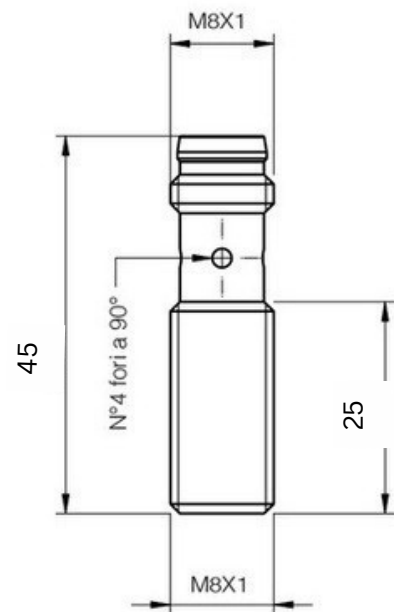


VTMF/0802-NC-S

Matel Face Inductive Proximity Sensor

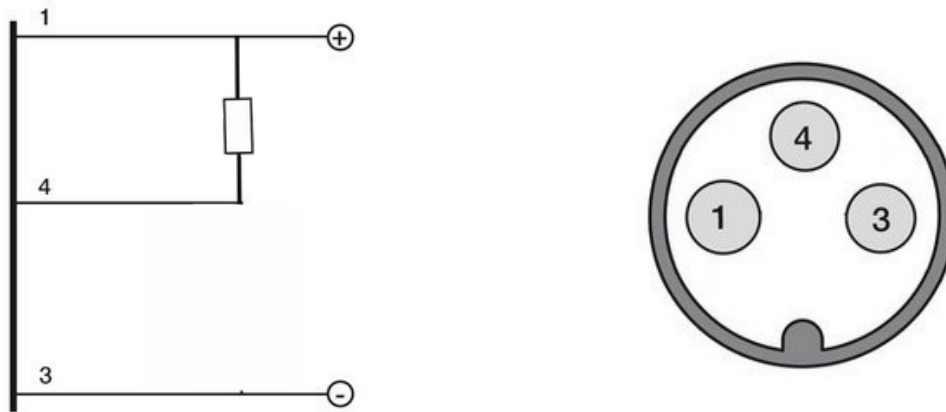


Working principle	Matel Face Inductive Proximity Sensor
Housing style	Stainless steel
Output Function	No
Sensing distance	2mm
Thread size	M8
Switching frequency	250Hz
Detected objects	Metal Face Sensor

Technical Data

Operating Voltage	10 - 30Vdc
No-Load supply current	≤ 10mA
Load current	≤ 200mA
Output Mode	NPN-NO
Leakage current	≤ 10μA
Output voltage drop	≤ 1,5V @200mA
Max ripple content	≤10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 50ms
Short-circuit protection	Yes (auto-reset)
Dimensions	M8 x 1 / = 45 mm
Mounting	Shielded
Connections	M8 Plug
Weight	4g
Tightening torque	5Nm
Operating temperature	-25°C...+70°C
Approvals	CEcULus
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
EMC compatibility	IEC 60947-5-2
Degree of protection	IP68
Repeat Accuracy	5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%
Operanting distance	0...2mm
Correction Factor	copper: 0 / aluminium: 0 / brass: 0 / stainless steel: 0,3

Connecting Diagram (NPN-Output)



1. Please connect the sensor as per above wiring diagram .
2. If the wires are not connected as per connection diagram shown above, the sensor may get defective or not work

VoxinTech

Email: info@voxintech.com

Website: www.voxintech.com
