



Inductive proximity sensors
Inductive sensor, DC 3-wire

IM08-02BNO-VW1



Model Name > **IM08-02BNO-VW1**
Part No. > **6034063**



Product features

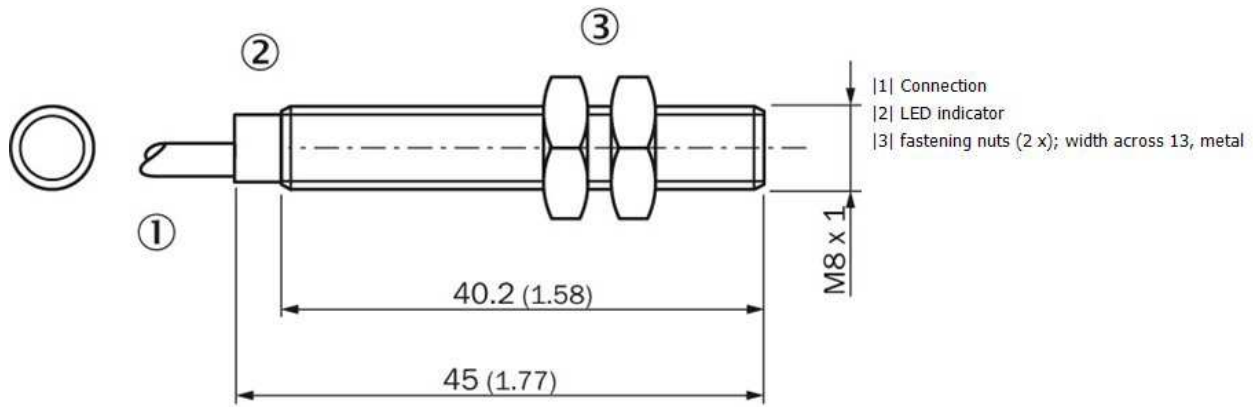
Series:	IM08
Max. sensing range:	2 mm
Installation in metal:	Flush
Output type:	NPN
Output function:	Normally closed
Switching frequency:	3,000 Hz
Connection type:	Cable, PVC, 2 m

Technical data

Design::	Cylinder with thread
Thread size:	M8 x 1
Length::	40.2 mm
Supply voltage::	DC 10 ... 30 V
Ripple:	≤ 10 % ¹⁾
Voltage drop:	2 ²⁾
Power consumption:	≤ 20 mA
Continuous current::	200
Time delay before availability::	≤ 100 ms
Hysteresis min ... max (of sr)::	2 15
Repeatability:	≤ 5 % (U _b and T _a constant) ³⁾
Temperature drift (of sr)::	± 10 %
EMC:	According to EN 60947-5-2
Short-circuit protection (pulsed)::	1
Reverse polarity protection:	1
Power-up pulse protection:	1
Ambient temperature min ... max::	-25 °C ... +70 °C
Housing material:	Stainless steel V2A
Max. tightening torque:	4 Nm
Enclosure rating::	IP 67 ⁴⁾

¹⁾ Of U_b ²⁾ At I_a max ³⁾ Of sr ⁴⁾ According to EN 60529

Dimensional drawing

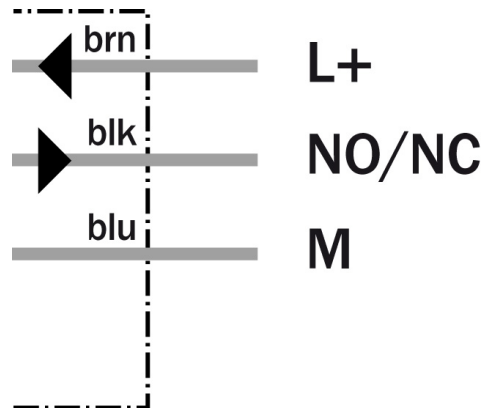


All dimensions in mm (inch)

Connection type



Connection diagram



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