



Inductive proximity sensors  
Inductive sensor, AC 2-wire

IM18-08NAO-ZW1



**Model Name** > **IM18-08NAO-ZW1**  
**Part No.** > **6033083**



**Product features**

Series:	IM18
Max. sensing range:	8 mm
Installation in metal:	Non-flush
Output function:	Normally closed
Switching frequency:	25 Hz
Connection type:	Cable, PVC, 2 m

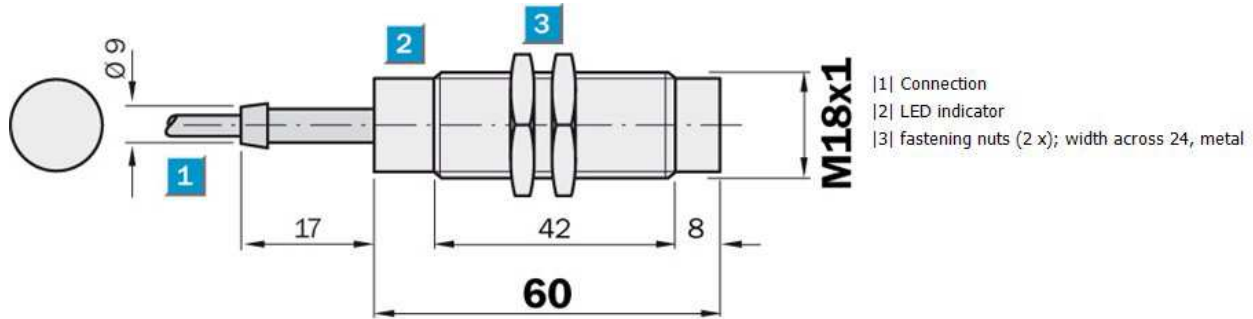
**Technical data**

Design::	Cylinder with thread
Thread size:	M18 x 1
Length::	60 mm
Supply voltage::	AC 20 ... 253 V
Voltage drop:	≤ 9 V <sup>1)</sup>
Time delay before availability::	≤ 200 ms
Hysteresis min ... max (of sr)::	1 % 20 %
Repeatability:	≤ 5 % <sup>2)</sup>
Temperature drift (of sr)::	± 10 %
EMC:	According to EN 60947-5-2
Short-circuit protection (pulsed)::	0
Power-up pulse protection:	0
Ambient temperature min ... max::	-25 °C ... +70 °C
Housing material:	Brass nickel-plated, plastic
Max. tightening torque:	≤ 40 Nm
Enclosure rating::	IP 67 <sup>3)</sup>
Continuous current AC::	≤ 300 mA
Short-circuit protected::	0
Intermittent current:	7 mA (10 ms)

Miniature fuse as per IEC 60217-2 Sheet 1, ≤ 2 A (quick-blow);

1) At la max, Vs max 2) Of sr 3) According to EN 60529

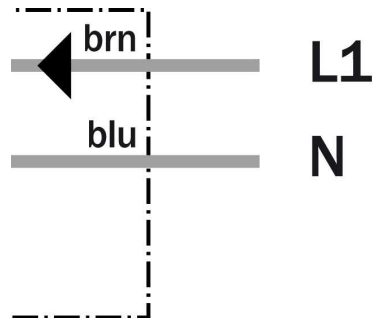
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