



Inductive proximity sensors  
Inductive sensor, DC 4-wire

IM30-20B-A-ZC1



**Model Name** > [IM30-20B-A-ZC1](#)  
**Part No.** > [6033125](#)



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### Product features

Series:	IM30
Max. sensing range:	20 mm
Installation in metal:	Quasi-flush
Output function:	Analog
Switching frequency:	200 Hz
Connection type:	Connector, M12, 4-pin

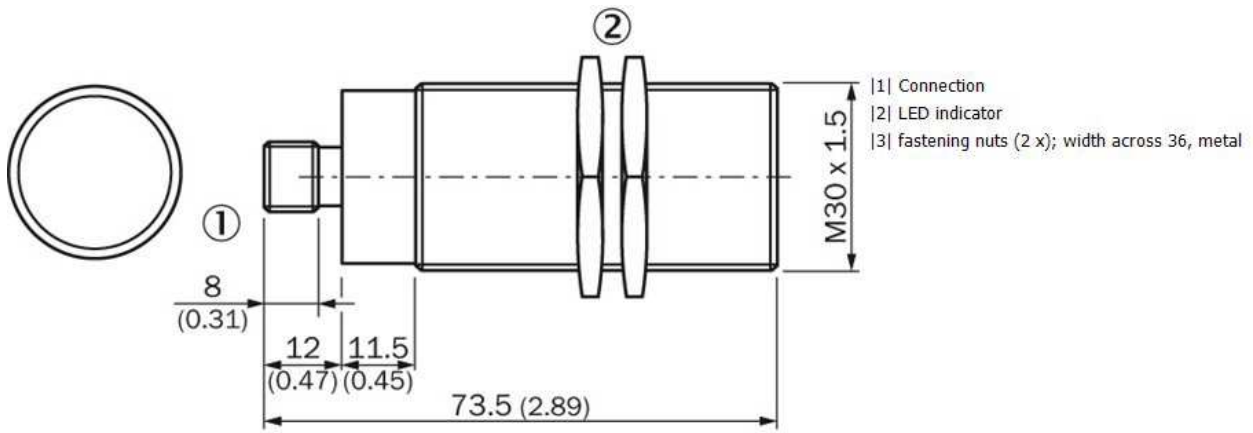
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### Technical data

Design::	Cylinder with thread
Thread size:	M30 x 1.5
Length::	73.5 mm
Supply voltage::	DC 15 ... 30 V
Ripple:	≤ 20 %
Time delay before availability::	≤ 50 ms
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:	Brass, chrome-plated, plastic
Max. tightening torque:	70 Nm
Enclosure rating::	IP 67 <sup>1)</sup>

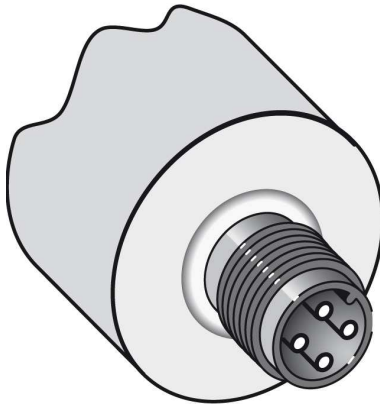
<sup>1)</sup> According to EN 60529

## Dimensional drawing

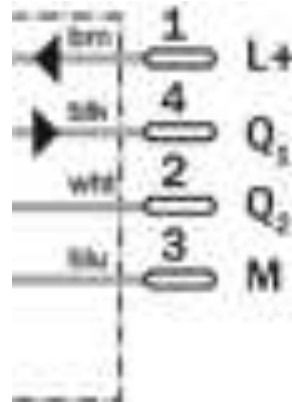


All dimensions in mm (inch)

## Connection type



## Connection diagram



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