



Indukcyjne czujniki zbliżeniowe  
Cylindrical threaded housing, IME30

IME30-20NPSZC0S



Nazwa modelu > **IME30-20NPSZC0S**

Numer części > **1041046**



**At a glance**

- Size M30
- IP 67 enclosure rating
- Operating temperature from -25° C to +75° C

**Your benefits**

- Reduced machine downtime
- Reduced mechanical damage
- Fewer maintenance costs due to longer service life
- High resistance to shock and vibrations



**Cechy**

Budowa:	Cylindryczna
Wymiar gwintu:	M30 x 1,5
Sensing range Sn:	20 mm
Assured sensing range Sa:	16,2 mm
Instalacja w metalu:	Niezabudowany
Częstotliwość przełączania:	500 Hz
Wyjście przełączające:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Enclosure rating:	IP 67 <sup>1)</sup>
Sposób przyłączenia:	Connector M12, 4-pin
Housing:	Standard

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

**Mechanika/elektronika**

Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	≤ 10 %
Spadek napięcia:	≤ 2 V
Current consumption:	≤ 10 mA <sup>1)</sup>
Czas osiągnięcia dostępności:	≤ 125 ms
Histeresa:	5 % ... 15 %
Odtwarzalność:::	≤ 2 % <sup>2) 3)</sup>
Przesunięcie cieplne (Sr):	± 10 %
Kompatybilność elektromagnetyczna:::	Zgodna z EN 60947-5-2

Output current Ia:	≤ 200 mA
Zabezpieczenie przed zwarciami:	✓
Zabezpieczenie przed zmianą biegunowości:	✓
Power-up pulse protection:	✓
Shock/vibration:	30 g, 11 ms/10 Hz ... 55 Hz, 1 mm
Ambient operating temperature:	-25 °C ... 75 °C
Tworzywo, obudowa:	Metal, Mosiądz niklowany
Tworzywo, obudowa:	Tworzywo sztuczne, PA6
Długość obudowy:	71 mm
Thread length:	41 mm
Moment dokręcania:	100 Nm

1) Bez obciążenia 2) Ub and Ta constant 3) Of Sr

### Współczynniki redukcyjne

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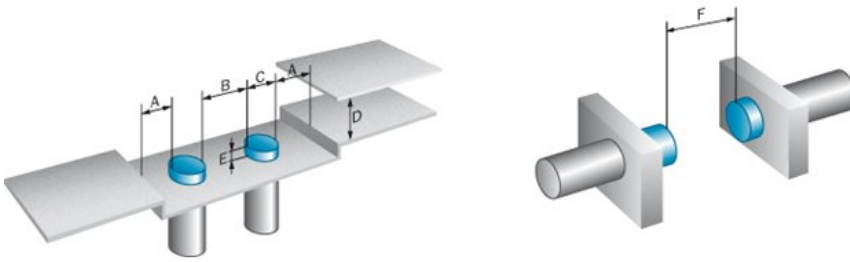
Uwaga:	The values are reference values which may vary
Carbon steel St37 (Fe):	1
Stainless steel (V2A, 304):	Ca. 0,8
Copper (Cu):	Ca. 0,4
Aluminum (Al):	Ca. 0,45
Brass (Br):	Ca. 0,4

### Instrukcje okrelajace

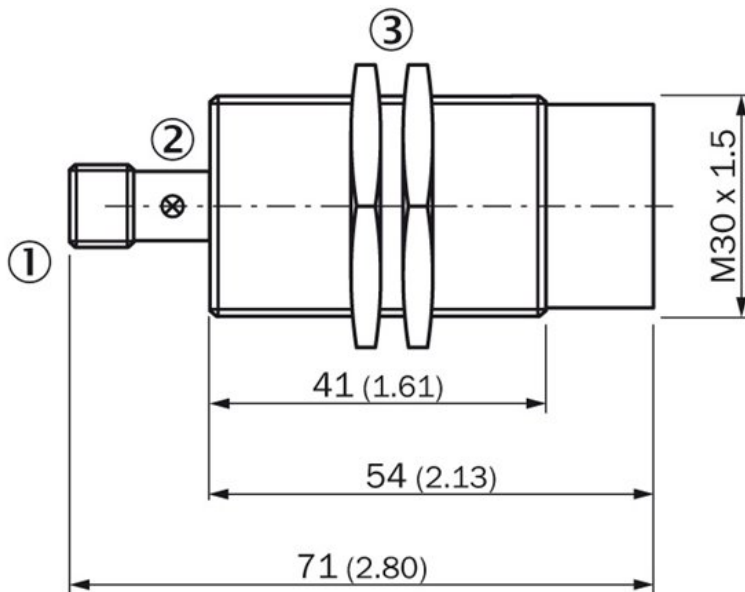
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A:	30 mm
B:	60 mm
C:	30 mm
D:	60 mm
E:	40 mm
F:	160 mm
Uwaga:	Associated graphic see "Installation"

## Installation note



## Dimensional drawing

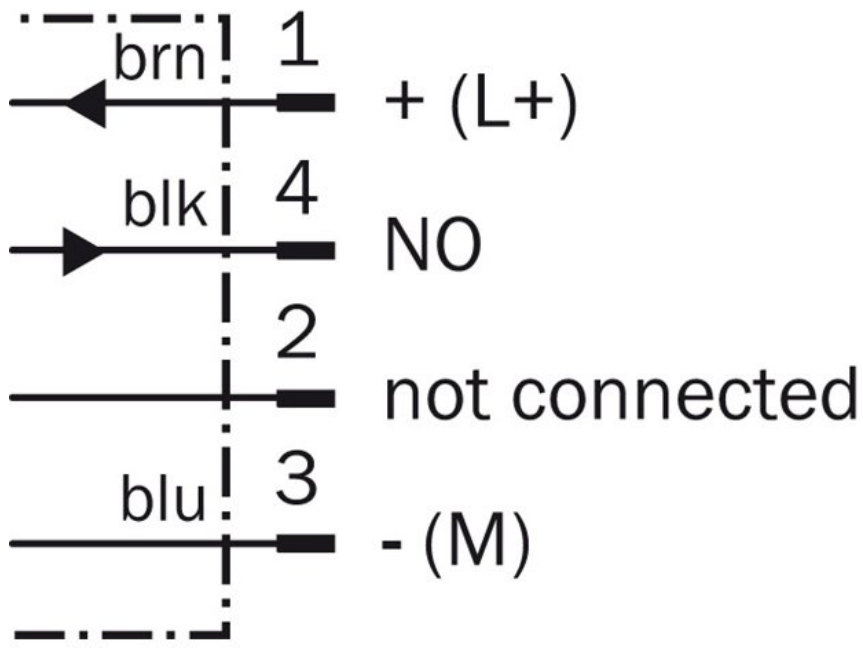


- |1| Connection
- |2| LED indicator
- |3| fastening nuts (2 x); 36 mm hex, metal

All dimensions in mm (inch)

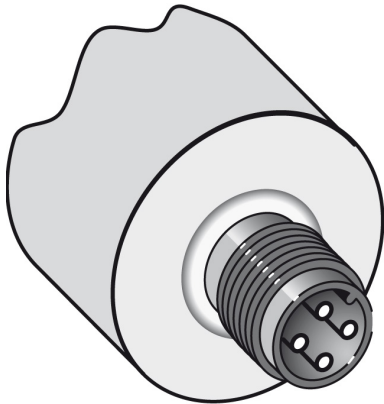
Connection diagram

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Connection type

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