



Indukcyjne czujniki zbliżeniowe Cylindrical threaded housing, IME12

IME12-04NPSZC0K



Nazwa modelu > **IME12-04NPSZC0K**

Numer części > **1040747**



At a glance

- Size M12
- 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:	M12 x 1
Sensing range Sn:	4 mm
Assured sensing range Sa:	3,24 mm
Instalacja w metalu:	Niezabudowany
Częstotliwość przełączania:	2.000 Hz
Wyjście przełączające:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Enclosure rating:	IP 67 ¹⁾
Sposób przyłączenia:	Connector M12, 4-pin
Housing:	Short-body

¹⁾ According to EN 60529

Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	≤ 10 %
Spadek napięcia:	≤ 2 V
Pobór prądu:	≤ 10 mA ¹⁾
Czas osiągnięcia dostępności:	≤ 100 ms
Histeresa:	5 % ... 15 %
Odtwarzalność:::	≤ 2 % ^{2) 3)}
Przesunięcie cieplne (Sr):	± 10 %
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2

Output current I _a :	≤ 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:	46 mm
Thread length:	24 mm
Moment dokręcania:	12 Nm

1) Without load 2) U_b and T_a constant 3) Of Sr

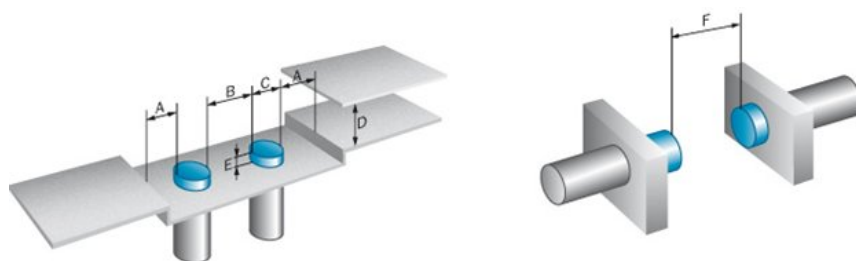
Współczynniki redukcyjne

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

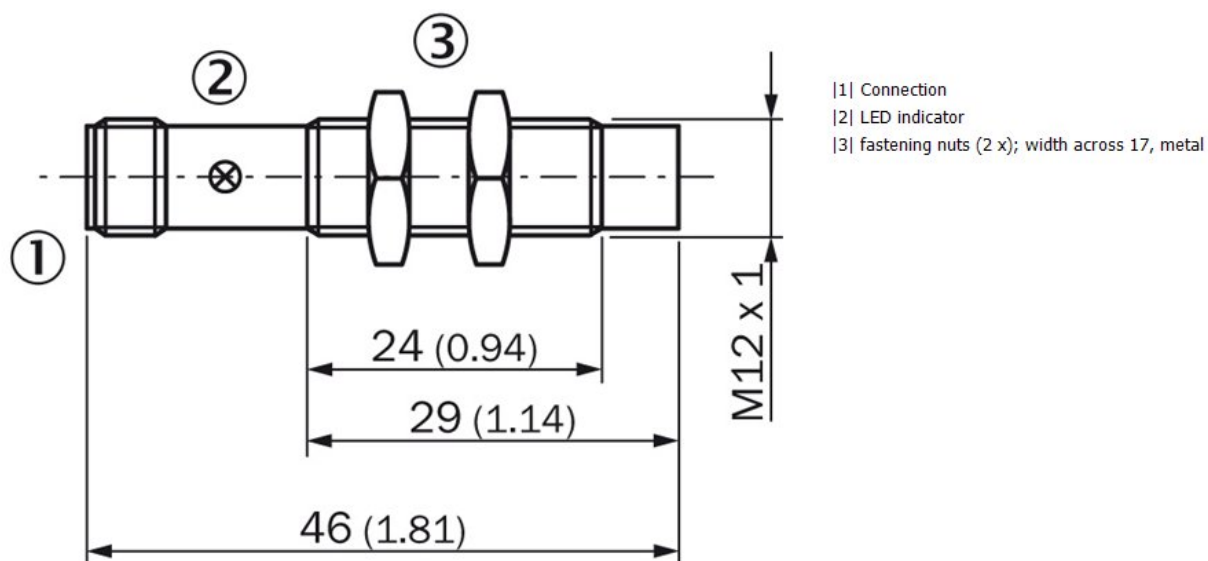
Instrukcje określające

A:	12 mm
B:	24 mm
C:	12 mm
D:	12 mm
E:	8 mm
F:	32 mm
Uwaga:	Associated graphic see "Installation"

Installation note non-flush installation

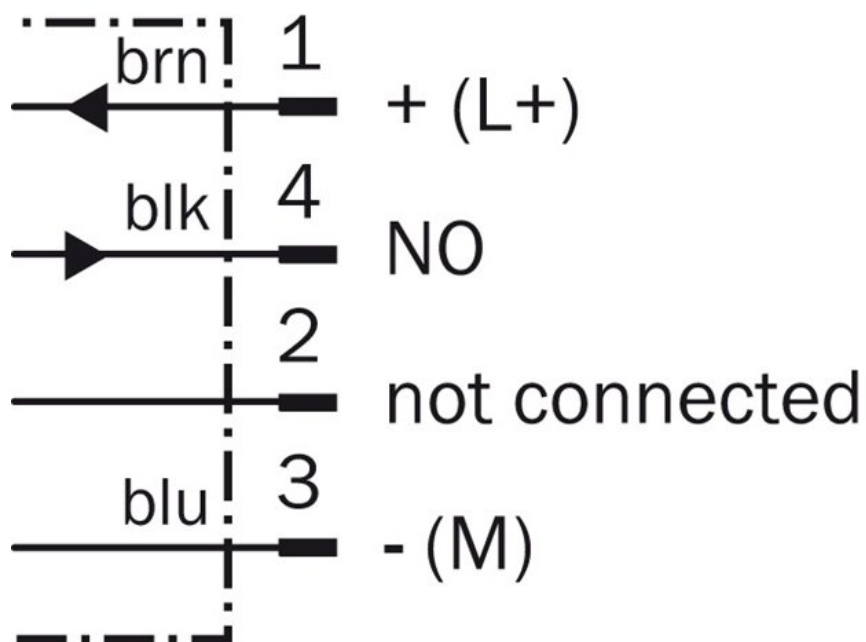


Dimensional drawing

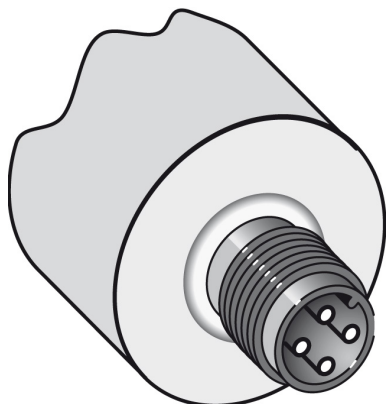


All dimensions in mm (inch)

Connection diagram



Connection type



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