



Indukcyjne czujniki zbliżeniowe Cylindrical threaded housing, IME18

IME18-12NPSZC0K



Nazwa modelu > [IME18-12NPSZC0K](#)

Numer części > [1040981](#)



At a glance

- Size M18
- 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:	M18 x 1
Sensing range Sn:	12 mm
Assured sensing range Sa:	9,72 mm
Instalacja w metalu:	Niezabudowany
Częstotliwość przełączania:	1.000 Hz
Wyjście przełączające:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	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:	50 mm
Thread length:	23 mm
Moment dokręcania:	40 Nm

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

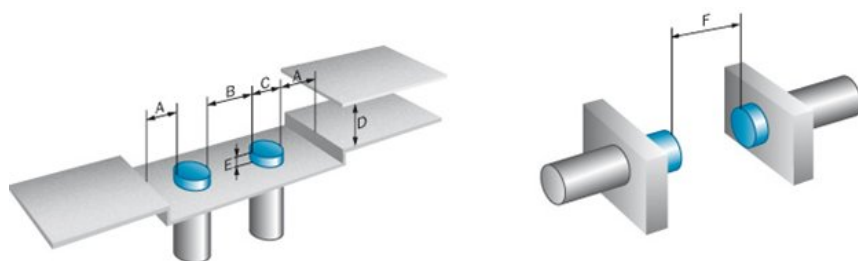
Współczynniki redukcyjne

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

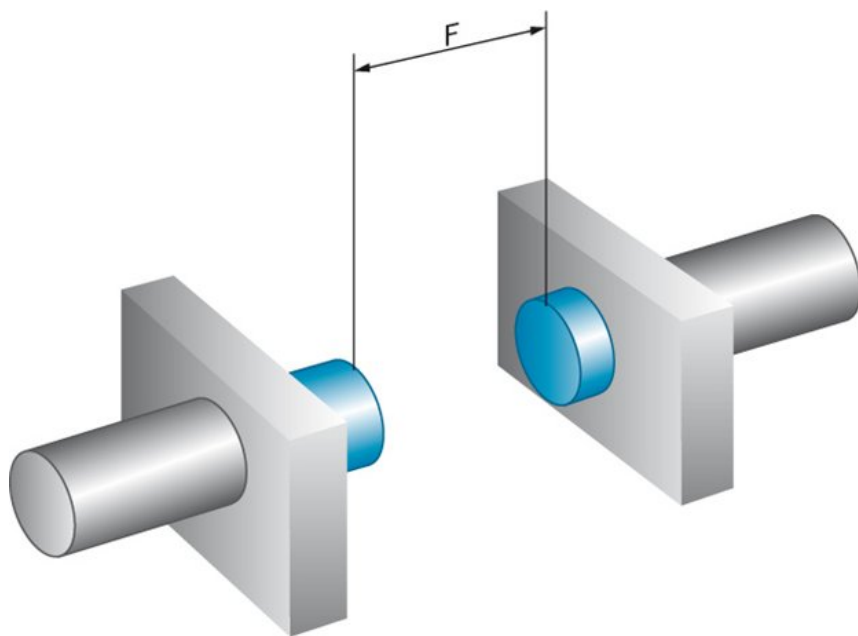
Instrukcje określające

A:	18 mm
B:	36 mm
C:	18 mm
D:	36 mm
E:	24 mm
F:	96 mm
Uwaga:	Associated graphic see "Installation"

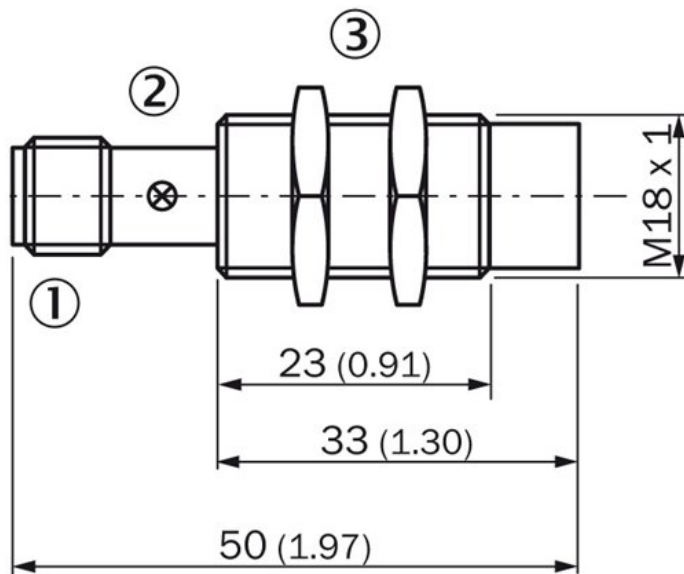
Installation note non-flush installation



Installation note



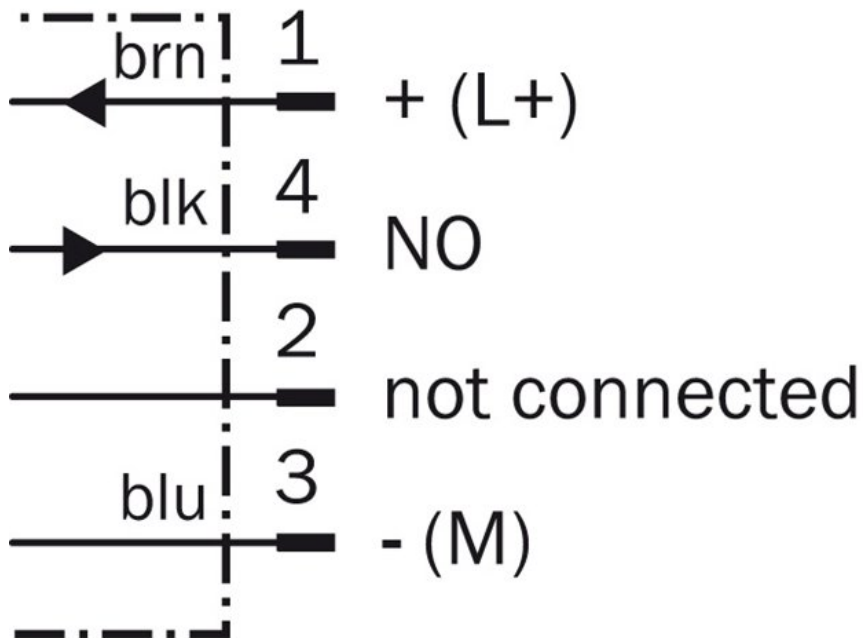
Dimensional drawing



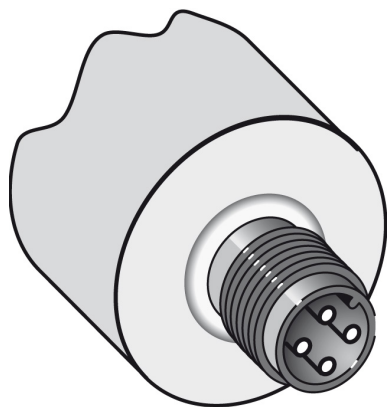
- |1| Connection
- |2| LED indicator
- |3| fastening nuts (2 x); 24 mm hex, metal

All dimensions in mm (inch)

Connection diagram



Connection type



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