



Indukcyjne czujniki zbliżeniowe Cylindrical threaded housing, IM12

IM12-04NPS-ZCK



Nazwa modelu > **IM12-04NPS-ZCK**

Numer części > **1017429**



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
Instalacja w metalu:	Niezabudowany
Częstotliwość przełączania:	2.000 Hz
Switching output:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 ¹⁾
Typ połączenia:	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 % ¹⁾
Spadek napięcia:	≤ 1,5 V ²⁾
Current consumption:	≤ 10 mA ³⁾
Czas osiągnięcia dostępności:	≤ 2 ms
Histeresa:	1 % ... 10 %
Odtwarzalność:::	≤ 1 % ⁴⁾ ⁵⁾
Przesunięcie cieplne (Sr):	± 10 %
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2
Output current Ia:	≤ 300 mA

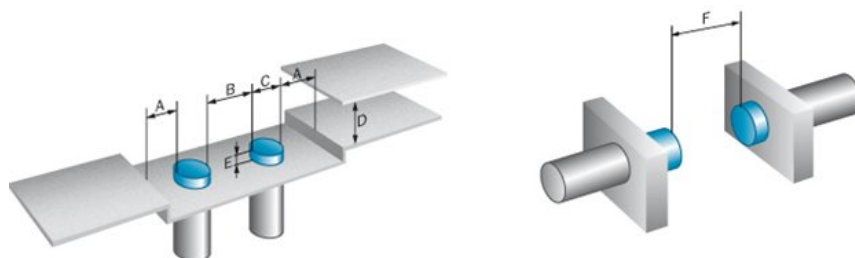
Zabezpieczenie przed przzerwaniem przewodu:	1
Zabezpieczenie przed zwarciami:	✓
Zabezpieczenie przed zmianą biegunowości:	✓
Power-up pulse protection:	✓
Shock/vibration:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Ambient operating temperature:	-25 °C ... 75 °C
Tworzywo, obudowa:	Metal, Mosiądz niklowany
Tworzywo, obudowa:	Tworzywo sztuczne
Długość obudowy:	45 mm
Thread length:	27 mm
Moment dokręcania:	7 Nm

1) Of V_S 2) At I_a max 3) Bez obciążenia 4) U_b and T_a constant 5) Of S_r

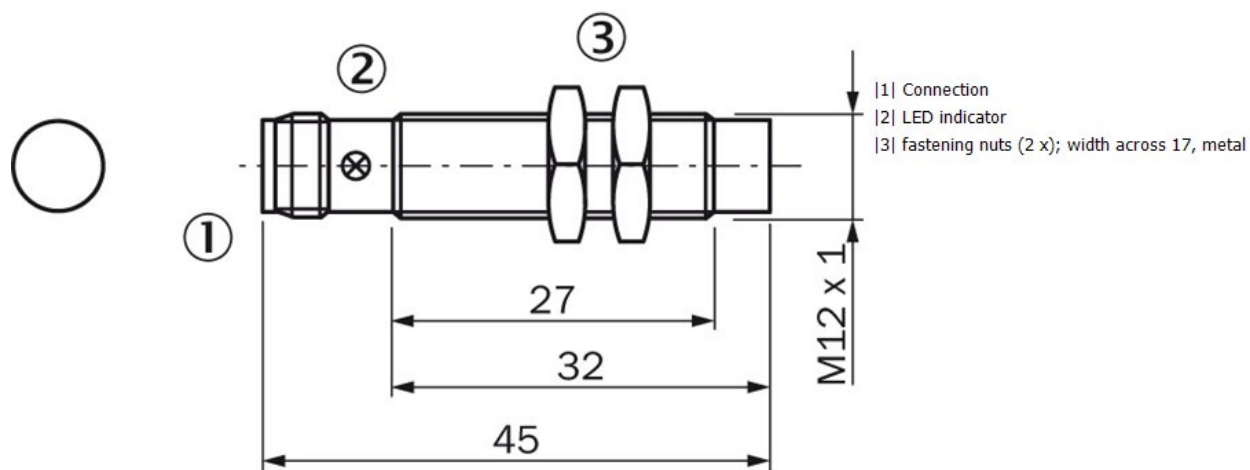
Instrukcje określające

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

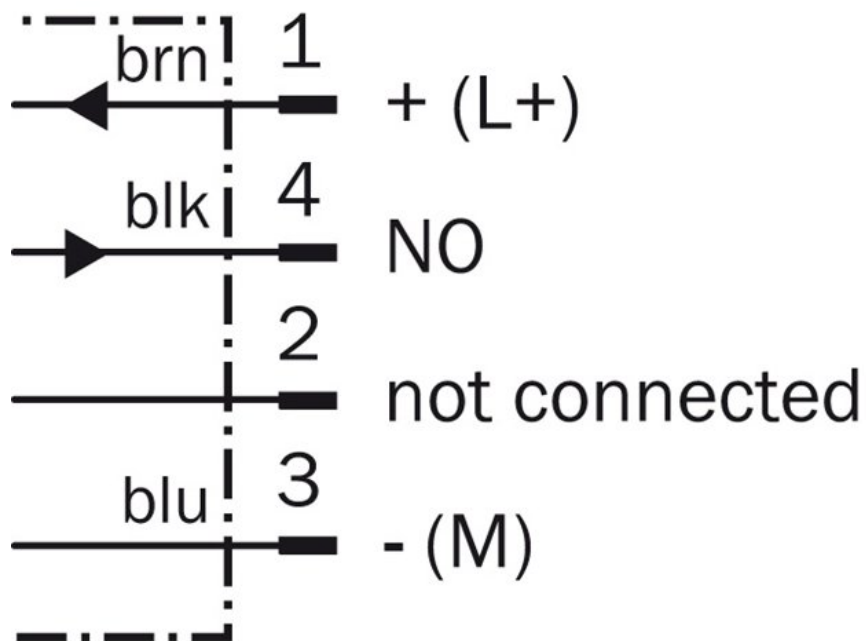


Dimensional drawing

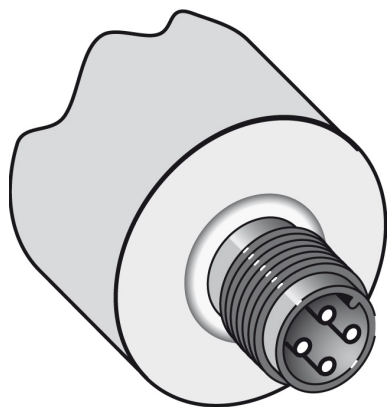


Alle Maße in mm

Connection diagram



Connection type



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