



Indukcyjne czujniki zbliżeniowe
Cylindrical threaded housing, IM30

IM30-15BPO-ZC1



Nazwa modelu > **IM30-15BPO-ZC1**

Numer części > **7900147**



At a glance

- Size M30
- IP 67 enclosure rating
- Operating temperature from -25° C to +70° 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: | 15 mm |
| Instalacja w metalu: | Zabudowana |
| Częstotliwość przełączania: | 150 Hz |
| Wyjście przełączające: | PNP |
| Output function: | NC |
| Electrical wiring: | DC 3-wire |
| Enclosure rating: | IP 67 ¹⁾ |
| Sposób przyłączenia: | Connector M12, 4-pin |
| Housing: | Standard |

¹⁾ According to EN 60529

Mechanika/elektronika

| | |
|-------------------------------------|------------------------|
| Napięcie zasilania: | 10 V DC ... 30 V DC |
| Tętnienia resztkowe: | ≤ 10 % ¹⁾ |
| Spadek napięcia: | ≤ 1 V ²⁾ |
| Current consumption: | ≤ 10 mA ³⁾ |
| Czas osiągnięcia dostępności: | ≤ 100 ms |
| Histeresa: | 2 % ... 15 % |
| Odtwarzalność::: | ≤ 5 % ^{4) 5)} |
| Przesunięcie cieplne (Sr): | ± 10 % |
| Kompatybilność elektromagnetyczna:: | Zgodna z EN 60947-5-2 |
| Output current I _a : | ≤ 400 mA |

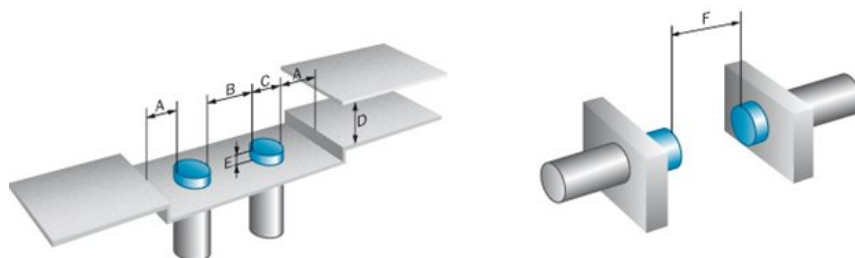
| | |
|--|--------------------------------|
| Zabezpieczenie przed przerwaniem przewodu: | 0 |
| Zabezpieczenie przed zwarciami: | ✓ |
| Zabezpieczenie przed zmianą biegunowości: | ✓ |
| Power-up pulse protection: | ✓ |
| Shock/vibration: | 30 g, 11 ms/10 ... 55 Hz, 1 mm |
| Ambient operating temperature: | -25 °C ... 70 °C |
| Tworzywo, obudowa: | Metal, Mosiądz niklowany |
| Tworzywo, obudowa: | Tworzywo sztuczne |
| Długość obudowy: | 76 mm |
| Thread length: | 50 mm |
| Moment dokręcania: | 60 Nm |

1) Of V_S 2) At I_a max 3) Bez obciążenia 4) Ub and Ta constant 5) Of Sr

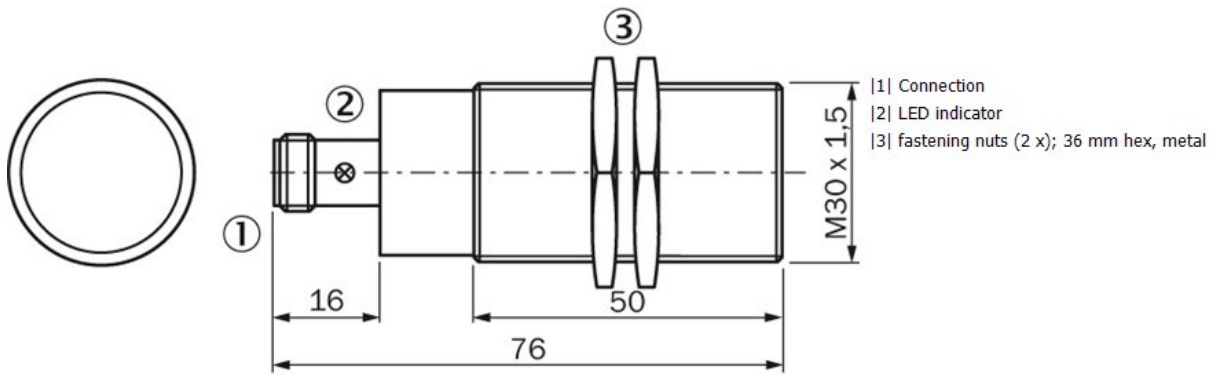
Instrukcje okre laj ce

| | |
|--------|---------------------------------------|
| A: | 15 mm |
| B: | 40 mm |
| C: | 30 mm |
| D: | 45 mm |
| E: | 3 mm |
| F: | 120 mm |
| Uwaga: | Associated graphic see "Installation" |

Installation note

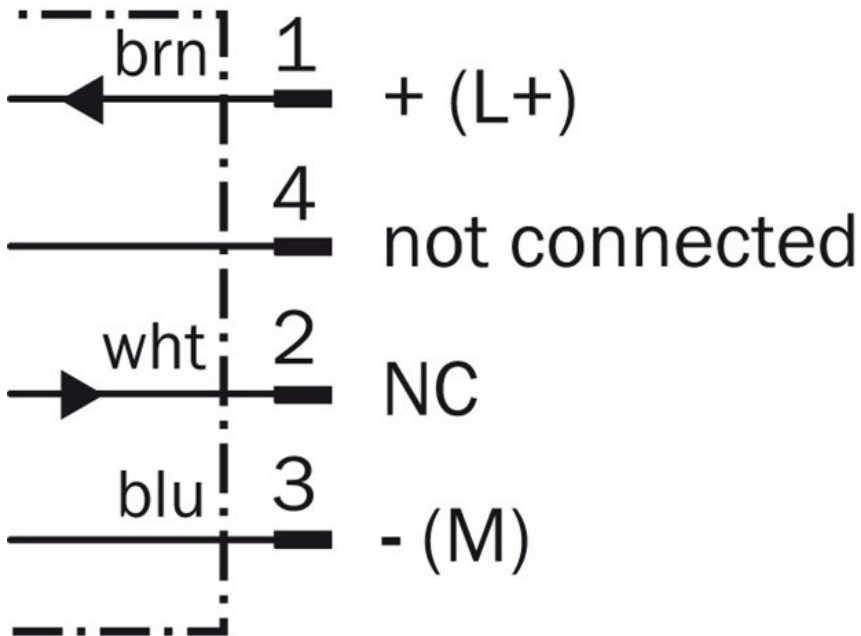


Dimensional drawing

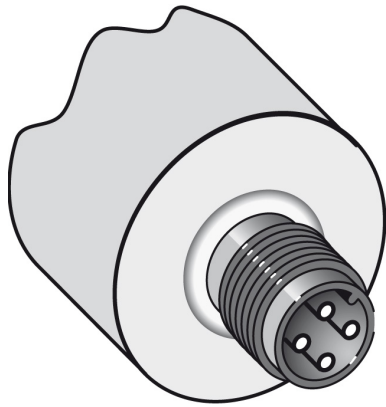


Alle Maße in mm

Connection diagram



Connection type



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