



Indukcyjne czujniki zbliżeniowe Cylindrical smooth housing, IH06

IH06-02BPO-VT1



Nazwa modelu > **IH06-02BPO-VT1**

Numer części > **1016857**



At a glance

- Operating distance of up to 4 mm
- High switching frequency
- Short-circuit protection (pulsed)
- IP 67 enclosure rating
- Stainless steel housing
- LED status indicator

Your benefits

- Reliable detection of high-speed processes increases machine throughput
- High-visibility indicator LED ensures simple monitoring of the operational state
- High resistance to shock and vibrations increases service life and reduces maintenance and replacement costs



Cechy

Budowa:	Cylindryczna
Diameter:	6,5 mm
Sensing range Sn:	2 mm
Assured sensing range Sa:	1,62 mm
Instalacja w metalu:	Zabudowana
Częstotliwość przełączania:	5.000 Hz
Wyjście przełączające:	PNP
Output function:	NC
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 ¹⁾
Sposób przyłączenia:	Connector M8, 3-pin
Housing:	Standard

¹⁾ According to EN 60529

Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	≤ 10 % ¹⁾
Spadek napięcia:	≤ 1,8 V ²⁾
Current consumption:	≤ 10 mA ³⁾
Czas osiągnięcia dostępności:	≤ 50 ms
Histeresa:	1 % ... 20 %

Odtwarzalność:::	$\leq 5\%$ ^{4) 5)}
Przesunięcie cieplne (Sr):	$\pm 10\%$
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2
Output current Ia:	$\leq 200\text{ mA}$
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:	Stainless steel, Stainless steel (V2A, 304)
Tworzywo, obudowa:	Tworzywo sztuczne, PBT
Długość obudowy:	50 mm

¹⁾ Of V ²⁾ With Ia = 200 mA ³⁾ Without load ⁴⁾ Ub = 20 V DC ... 30 V DC, Ta = 23 °C $\pm$ 5 °C ⁵⁾ Of Sr

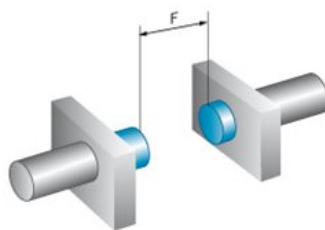
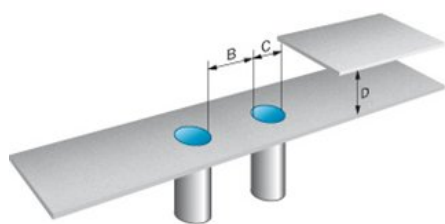
Współczynniki redukcyjne

Uwaga:	The values are reference values which may vary
Stainless steel (V2A, 304):	Ca. 0,6
Copper (Cu):	Ca. 0,1
Aluminum (Al):	Ca. 0,17
Brass (Br):	Ca. 0,25

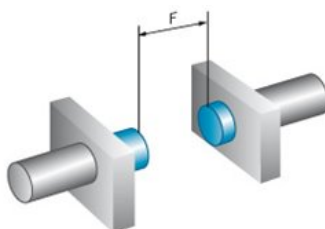
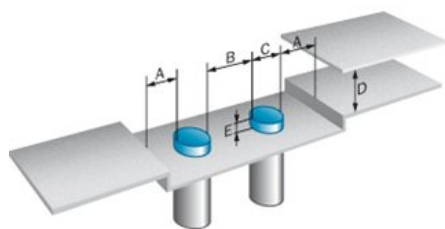
Instrukcje określające

A:	3,25 mm
B:	6,5 mm
C:	6,5 mm
D:	6 mm
E:	4 mm
F:	16 mm
Uwaga:	Associated graphic see "Installation"

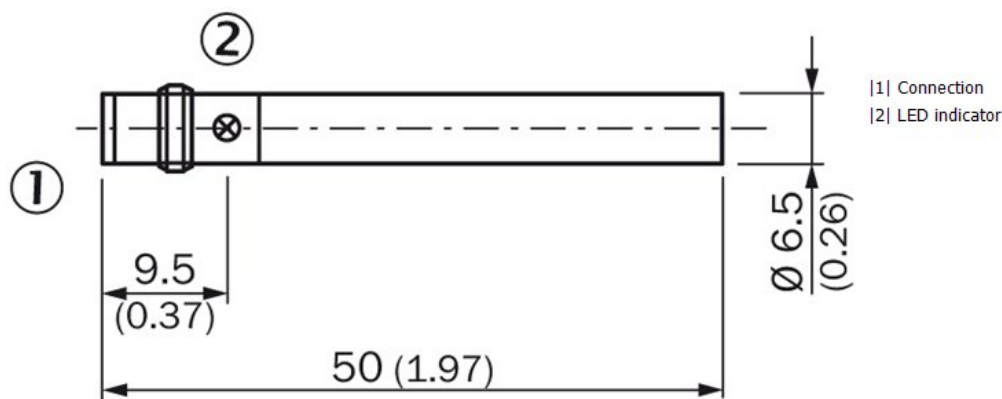
Installation note



Installation note non-flush installation

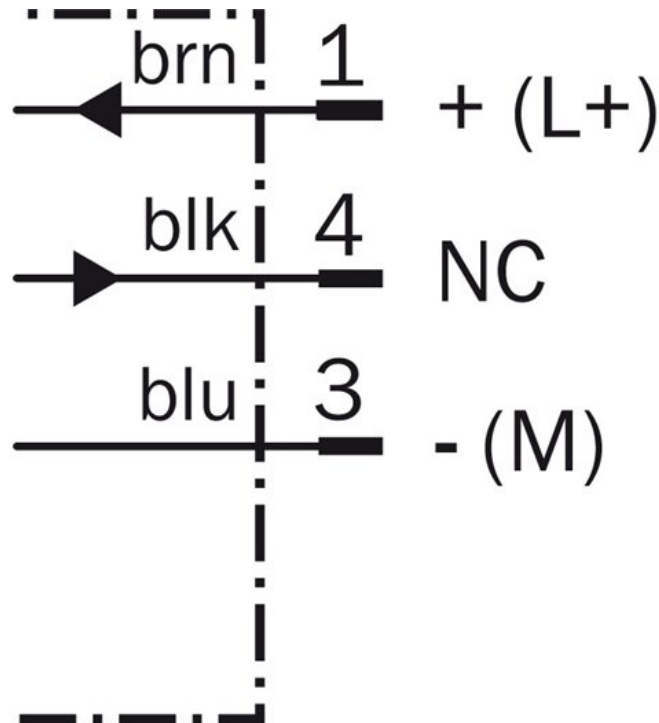


Dimensional drawing

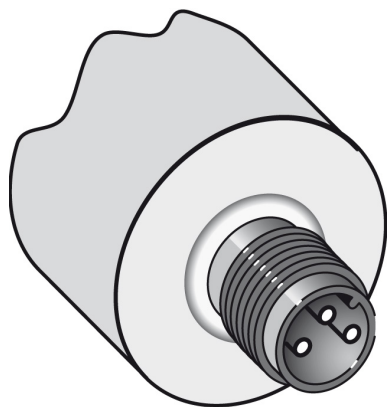


All dimensions in mm (inch)

Connection diagram



Connection type



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