



Indukcyjne czujniki zbliżeniowe Cylindrical smooth housing, IH06

IH06-1B5NS-VTK



Nazwa modelu > **IH06-1B5NS-VTK**

Numer części > **6020170**



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:	1,5 mm
Assured sensing range Sa:	1,215 mm
Instalacja w metalu:	Zabudowana
Częstotliwość przełączania:	5.000 Hz
Switching output:	NPN
Output function:	NO
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 ¹⁾
Typ połączenia:	Wtyk M8, 3-pinowe
Housing:	Short-body

¹⁾ According to EN 60529

Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	≤ 20 % ¹⁾
Spadek napięcia:	≤ 2 V ²⁾
Pobór prądu:	≤ 10 mA ³⁾
Czas osiągnięcia dostępności:	≤ 10 ms
Histeresa:	≤ 10 %

Odtwarzalność::	$\leq 1,5\%$ ⁴⁾
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, PA 66
Długość obudowy:	29 mm

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

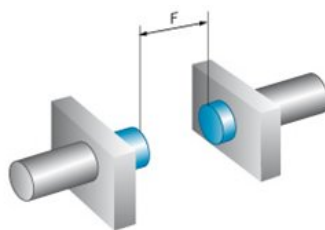
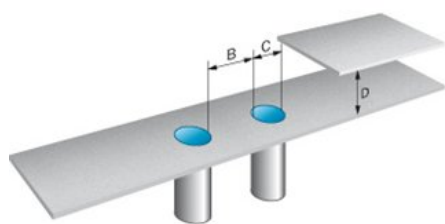
Współczynniki redukcyjne

Uwaga:	The values are reference values which may vary
Stainless steel (V2A, 304):	Ca. 0,8
Copper (Cu):	Ca. 0,4
Aluminum (Al):	Ca. 0,45
Brass (Br):	Ca. 0,5

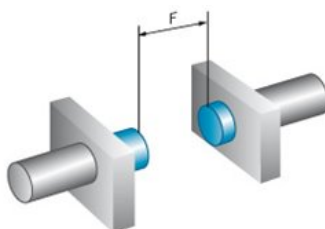
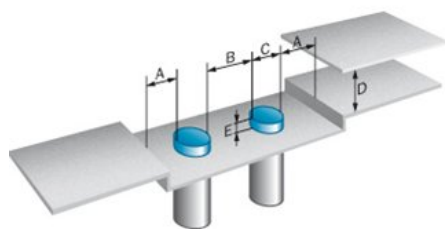
Instrukcje określające

A:	1,75 mm
B:	3 mm
C:	6,5 mm
D:	4,5 mm
E:	0 mm
F:	12 mm
Uwaga:	Associated graphic see "Installation"

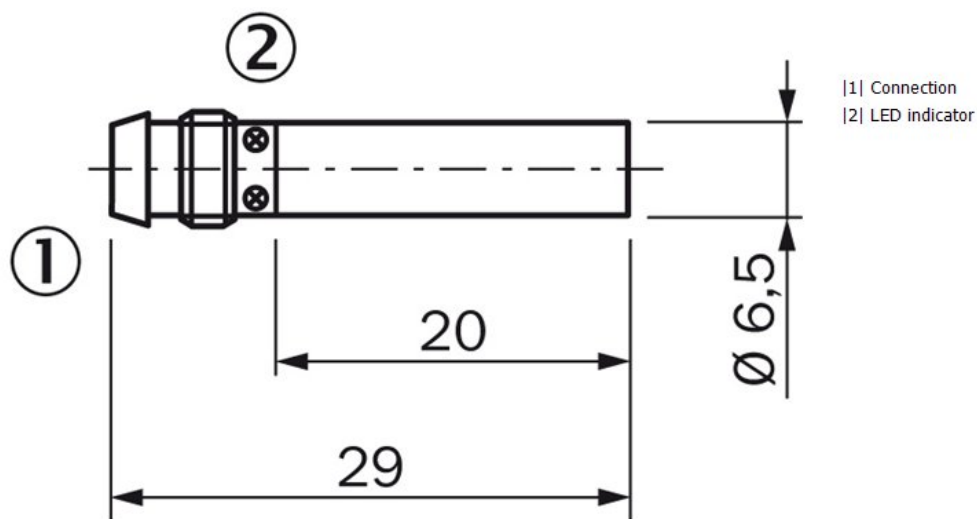
Installation note



Installation note non-flush installation

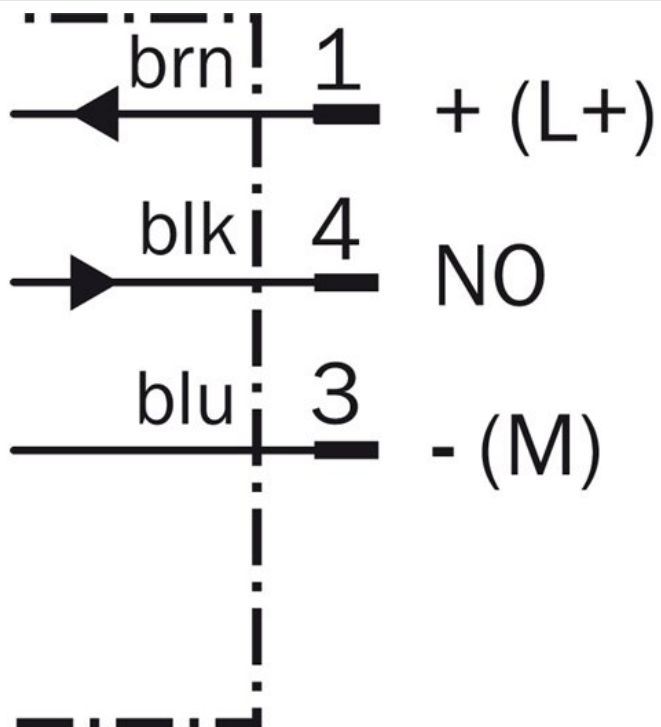


Dimensional drawing

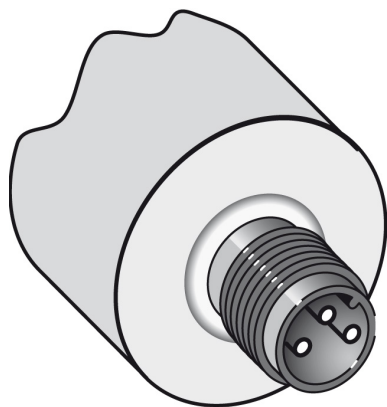


Alle Maße in mm

Connection diagram



Connection type



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