



Indukcyjne czujniki zbliżeniowe Cylindrical smooth housing, IH04

IH04-0B8PS-VR1



Nazwa modelu > **IH04-0B8PS-VR1**

Numer części > **6045178**



At a glance

- Operating distance of 0.8 mm
- Can be flush mounted
- High switching frequency
- Short-circuit protection (pulsed)
- Stainless steel housing
- IP 67 enclosure rating
- LED status indicator

Your benefits

- Space-saving installation in space-critical applications provides a high degree of design freedom
- Reliable detection of high-speed processes increases machine throughput
- High-visibility indicator LED ensures simple monitoring of the operational state
- High positioning accuracy
- High resistance to shock and vibrations increases service life and reduces maintenance and replacement costs



Cechy

Budowa:	Cylindryczna
Diameter:	4 mm
Sensing range Sn:	0,8 mm
Assured sensing range Sa:	0,648 mm
Instalacja w metalu:	Zabudowana
Częstotliwość przełączania:	5.000 Hz
Wyjście przełączające:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 ¹⁾
Sposób przyłączenia:	Cable with connector M8, 3-pin, 0,2 m
Housing:	Standard

¹⁾ According to EN 60529

Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	≤ 20 % ¹⁾

Spadek napięcia:	$\leq 2 \text{ V}^{2)}$
Current consumption:	$\leq 10 \text{ mA}^{3)}$
Czas osiągnięcia dostępności:	$\leq 10 \text{ ms}$
Histereza:	0 % ... 10 %
Odtwarzalność::	$\leq 1,5 \%^{4)}$
Przesunięcie cieplne (Sr):	$\pm 10 \%$
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2
Output current Ia:	$\leq 200 \text{ mA}$
Cable material:	PVC
Conductor cross-section:	0,14 mm ²
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:	25 mm

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

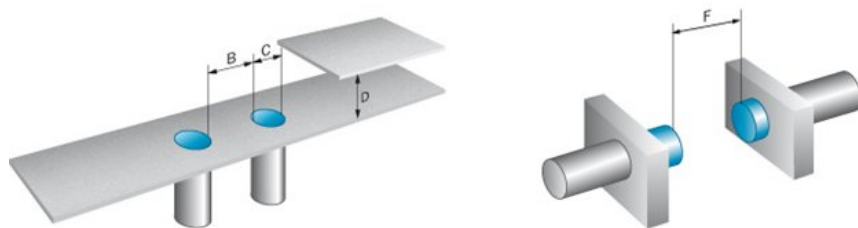
Współczynniki redukcyjne

Uwaga:	The values are reference values which may vary
Stainless steel (V2A, 304):	Ca. 0,8
Copper (Cu):	Ca. 0,45
Aluminum (Al):	Ca. 0,5
Brass (Br):	Ca. 0,55

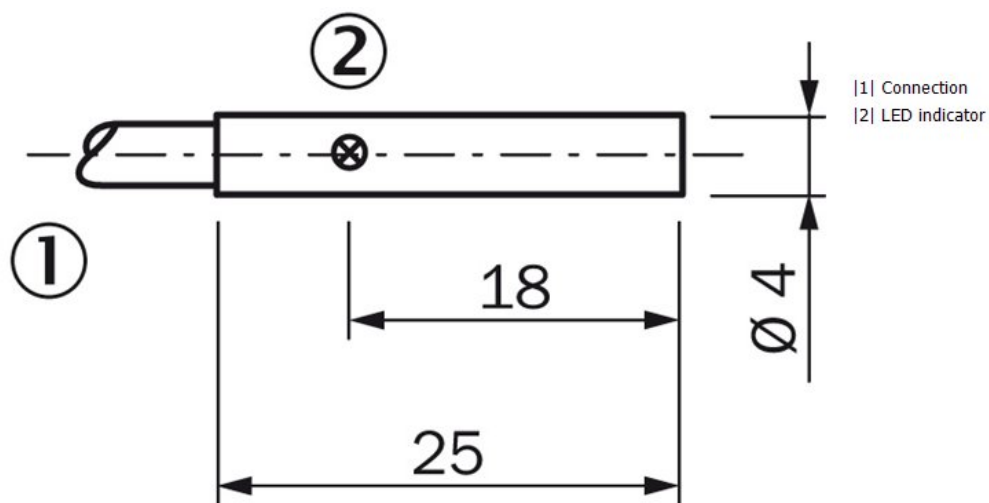
Instrukcje określające

C:	4 mm
D:	2,4 mm
F:	7 mm
Uwaga:	Associated graphic see "Installation"

Installation note

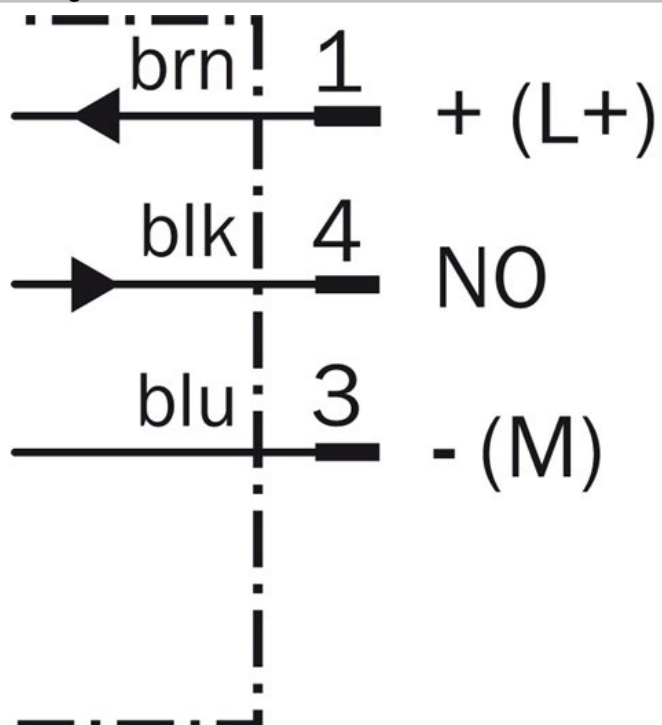


Dimensional drawing

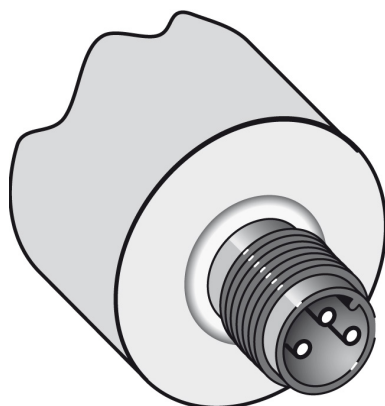


Alle Maße in mm

Connection diagram



Connection type



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