



Indukcyjne czujniki zbliżeniowe Cylindrical threaded housing, IM08

IM08-02BPS-VUK



Nazwa modelu > **IM08-02BPS-VUK**

Numer części > **6036787**



At a glance

- Size M8
- 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:	M8 x 1
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:	NO
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 ¹⁾
Typ połączenia:	Cable, 3-wire, 2 m
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:::	≤ 5 % ⁴⁾ ⁵⁾
Przesunięcie cieplne (Sr):	± 10 %
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2

Output current Ia:	≤ 200 mA
Cable material:	PUR
Conductor cross-section:	0,14 mm ²
Zabezpieczenie przed zwarciami:	✓
Zabezpieczenie przed zmianą biegunowości:	✓
Power-up pulse protection:	✓
Shock and vibration resistance:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Ambient operating temperature:	-25 °C ... 70 °C
Tworzywo, obudowa:	Metal, Stainless steel (V2A, 304)
Tworzywo, obudowa:	Tworzywo sztuczne
Długość obudowy:	16 mm
Thread length:	16 mm
Moment dokręcania:	≤ 4 Nm

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

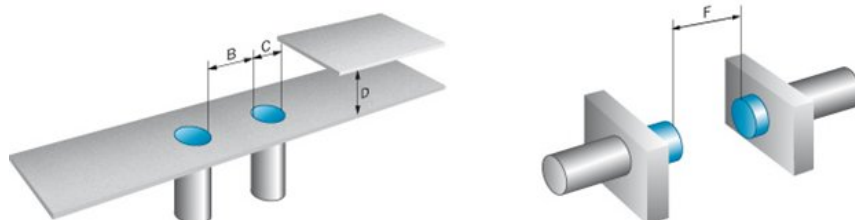
Współczynniki redukcyjne

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

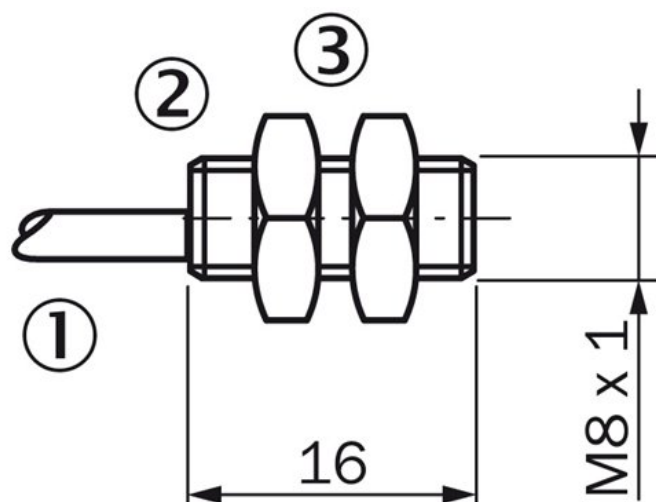
Instrukcje określające

Uwaga:	Associated graphic see "Installation"
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Installation note



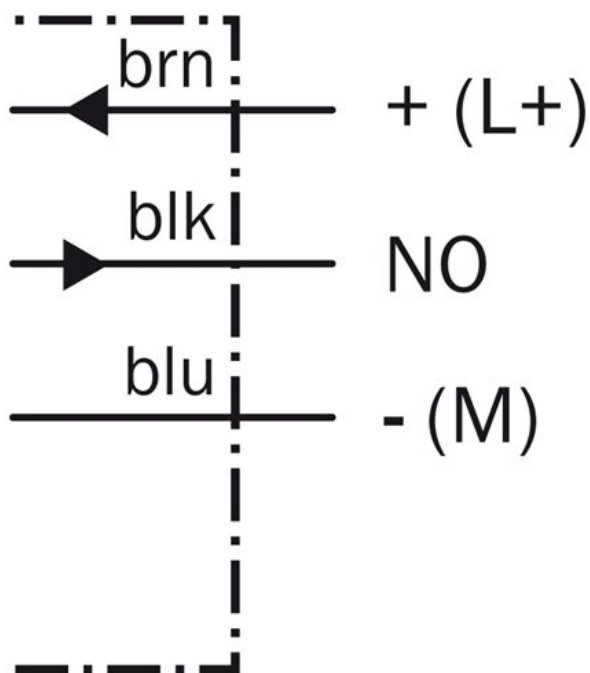
Dimensional drawing



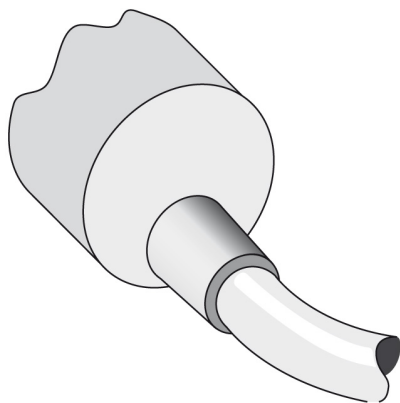
- |1| Connection
- |2| LED indicator
- |3| fastening nuts (2 x); width across 13, metal

Alle Maße in mm

Connection diagram



Connection type



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