



Indukcyjne czujniki zbliżeniowe

IM05-0B8PS-ZW1



Nazwa modelu > **IM05-0B8PS-ZW1**

Numer części > **6011591**



At a glance

- Small housing sizes and low weight
- Integrated LED indicator and snubber circuit
- Rugged stainless steel housing
- Thread sizes M4 and M5 available

Your benefits

- Trouble-free placement in space-critical applications; high degree of design freedom
- Reliable detection of rapid handling and assembly processes
- High-visibility indicator LED for simple monitoring of operational state
- High positioning accuracy
- High resistance to shock and vibrations



Cechy

Sensing range Sn:	0,8 mm
Instalacja w metalu:	Zabudowana
Częstotliwość przełączania:	5.000 Hz
Sposób przyłączania:	Cable, 3-wire, 2 m
Wyjście przełączające:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 ¹⁾
Tryb przełączania:	NO

¹⁾ According to EN60529

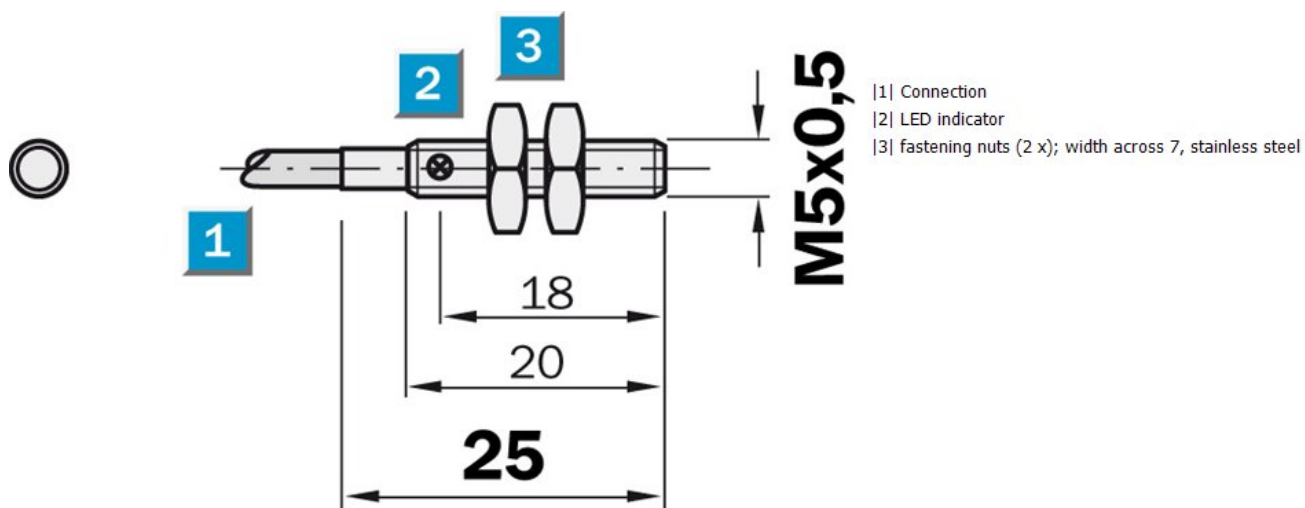
Mechanika/elektronika

Budowa:	cyldryczna
Housing length:	25 mm
Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	≤ 20 % ¹⁾
Pobór prądu:	≤ 10 mA ²⁾
Spadek napięcia:	≤ 2 V ³⁾
Continuous current I _a :	≤ 200 mA
Histereza:	1 % ... 10 %
Odtwarzalność:	≤ 1,5 % ⁴⁾

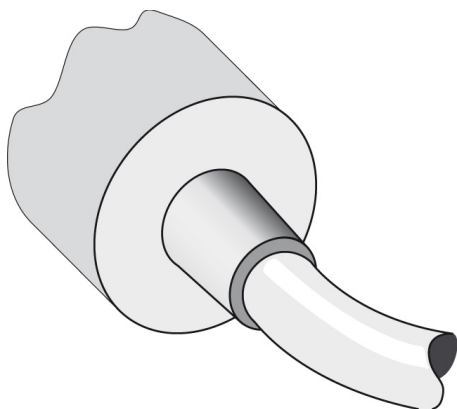
Przesunięcie cieplne (sr)::	≤ 10 %
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2
Cable material:	PVC
Conductor cross-section:	0,14 mm ²
Cable diameter:	3,5 mm
Zabezpieczenie przed zmianą biegunowości:	✓
Zabezpieczenie przed zwarciami:	✓
Tworzywo, obudowa:	Stainless steel, Stainless steel
Tworzywo, obudowa:	Tworzywo sztuczne, PA 66
Power-up pulse suppression:	-
Czas osiągnięcia dostępności:	≤ 10 ms
Ambient temperature, operation:	-25 °C ... 70 °C
Shock/vibration stress:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Moment dokręcania:	1,5 Nm
Wymiar gwintu:	M5 x 0,5
Thread lenght:	20 mm

1) Of V_S 2) Without load 3) 4) U_b = 20 ... 30 VDC, T_a = 23 °C ± 5 °C

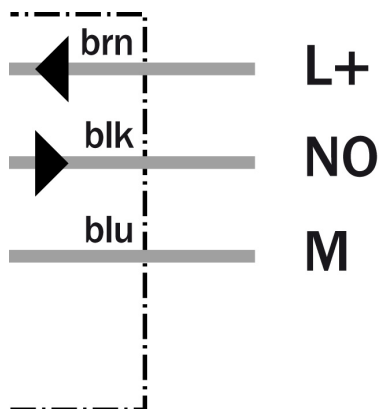
Rysunek techniczny



Typ połączenia



Schemat połączenia



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