

## Czujniki indukcyjne

IME18-08BPSZW2S



Nazwa modelu > **IME18-08BPSZW2S**Numer cz ci > **1040968****At a glance**

- Precise operating distances due to ASIC technology
- Extra tough thanks to high fastener torque and hot melt adhesive
- Protection class IP 67
- Operating temperature from -25 to +75 °C
- Operating distance from 1.5 mm to 20 mm
- Sizes M08 to M30 available
- Customer-specific models available

**Your benefits**

- Less machine downtime
- Less mechanical damage
- Less costs due to longer service life
- High resistance to shock and vibrations

**!Features!**

Sensing range Sn:	8 mm
Instalacja w metalu:	Zabudowana
Częstotliwość przełączania:	1.000 Hz
Connection type:	Cable, 3-wire, 2 m
Switching output voltage:	PNP
Output function:	NOC
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 <sup>1)</sup>

<sup>1)</sup> According to EN60529

**!Mechanics/electronics!**

Budowa:	cyldryczna
Housing length:	67 mm
Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	≤ 10 %
Pobór prądu:	≤ 10 mA <sup>1)</sup>
Spadek napięcia:	≤ 2 V
Continuous current I <sub>a</sub> :	≤ 200 mA
Histereza:	5 % ... 15 %
Odtwarzalność:	≤ 2 % <sup>2) 3)</sup>

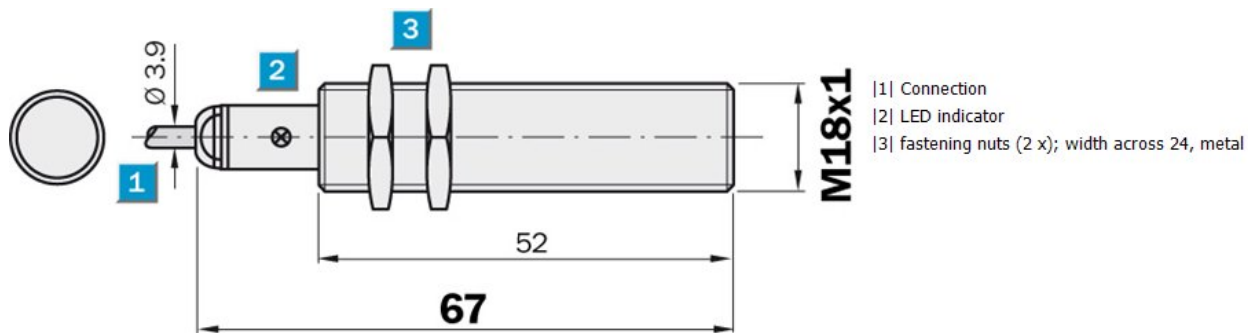
Przesunięcie ciepłe (sr):	± 10 %
Kompatybilność elektromagnetyczna:	zgodna z EN 60947-5-2
Cable material:	PVC
Zabezpieczenie przed zmianą biegunowości:	✓
Zabezpieczenie przed zwarciami:	✓
Tworzywo, obudowa:	Metal
Tworzywo, obudowa:	Tworzywo sztuczne, PA6
Power-up pulse suppression:	✓
Czas osiągnięcia dostępności:	≤ 100 ms
Moment dokręcania:	40 Nm
Wymiar gwintu:	M18 x 1
Thread lenght:	52 mm

1) Without load 2) 3)

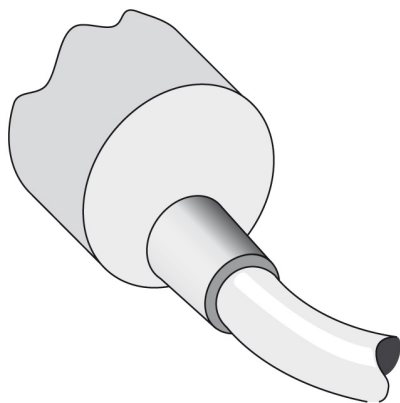
#### !Ambient data!

Ambient temperature, operation:	-25 °C ... 75 °C
Shock/vibration stress:	30 g, 11 ms/10 ... 55 Hz, 1 mm

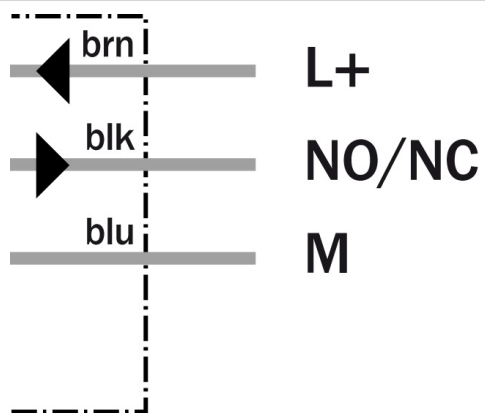
#### Rysunek techniczny



Typ połączenia



Schemat połączenia



**Australia**

Phone +61 3 9497 4100  
1800 33 48 02 – tollfree  
E-Mail sales@sick.com.au

**Belgium/Luxembourg**

Phone +32 (0)2 466 55 66  
E-Mail info@sick.be

**Brasil**

Phone +55 11 3215-4900  
E-Mail sac@sick.com.br

**Ceská Republika**

Phone +420 2 57 91 18 50  
E-Mail sick@sick.cz

**China**

Phone +852-2763 6966  
E-Mail ghk@sick.com.hk

**Danmark**

Phone +45 45 82 64 00  
E-Mail sick@sick.dk

**Deutschland**

Phone +49 211 5301-301  
E-Mail kundenservice@sick.de

**España**

Phone +34 93 480 31 00  
E-Mail info@sick.es

**France**

Phone +33 1 64 62 35 00  
E-Mail info@sick.fr

**Great Britain**

Phone +44 (0)1727 831121  
E-Mail info@sick.co.uk

**India**

Phone +91-22-4033 8333  
E-Mail info@sick-india.com

**Israel**

Phone +972-4-999-0590  
E-Mail info@sick-sensors.com

**Italia**

Phone +39 02 27 43 41  
E-Mail info@sick.it

**Japan**

Phone +81 (0)3 3358 1341  
E-Mail support@sick.jp

**Nederlands**

Phone +31 (0)30 229 25 44  
E-Mail info@sick.nl

**Norge**

Phone +47 67 81 50 00  
E-Mail austefjord@sick.no

**Österreich**

Phone +43 (0)22 36 62 28 8-0  
E-Mail office@sick.at

**Polska**

Phone +48 22 837 40 50  
E-Mail info@sick.pl

**Republic of Korea**

Phone +82-2 786 6321/4  
E-Mail info@sickkorea.net

**Republika Slovenija**

Phone +386 (0)1-47 69 990  
E-Mail office@sick.si

**România**

Phone +40 356 171 120  
E-Mail office@sick.ro

**Russia**

Phone +7 495 775 05 34  
E-Mail info@sick-automation.ru

**Schweiz**

Phone +41 41 619 29 39  
E-Mail contact@sick.ch

**Singapore**

Phone +65 6744 3732  
E-Mail admin@sicksgp.com.sg

**Suomi**

Phone +358-9-25 15 800  
E-Mail sick@sick.fi

**Sverige**

Phone +46 10 110 10 00  
E-Mail info@sick.se

**Taiwan**

Phone +886 2 2375-6288  
E-Mail sales@sick.com.tw

**Türkiye**

Phone +90 216 587 74 00  
E-Mail info@sick.com.tr

**United Arab Emirates**

Phone +971 4 8865 878  
E-Mail info@sick.ae

**USA/Canada/México**

Phone +1(952) 941-6780  
1 800-325-7425 – tollfree  
E-Mail info@sickusa.com

More representatives and agencies  
in all major industrial nations at  
[www.sick.com](http://www.sick.com)