



Inductive proximity sensors
Inductive sensor, DC 3-wire

IM08-2N5PS-ZWA



Model Name > **IM08-2N5PS-ZWA**
Part No. > **6033341**



Product features

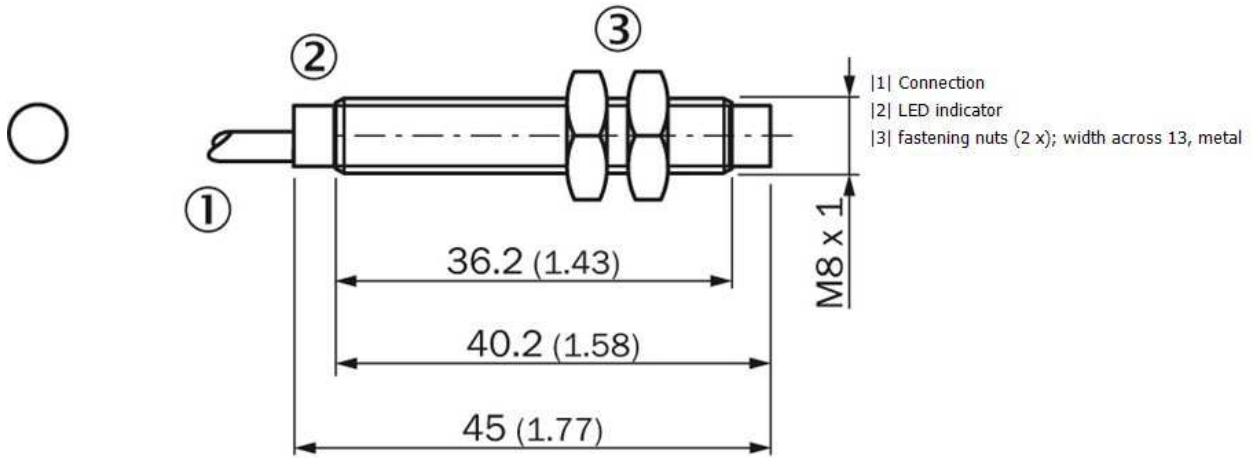
| | |
|------------------------|-----------------|
| Series: | IM08 |
| Max. sensing range: | 2.5 mm |
| Installation in metal: | Non-flush |
| Output type: | PNP |
| Output function: | Normally open |
| Switching frequency: | 2,500 Hz |
| Connection type: | Cable, PVC, 3 m |

Technical data

| | |
|-------------------------------------|--|
| Design:: | Cylinder with thread |
| Thread size: | M8 x 1 |
| Length:: | 40.2 mm |
| Supply voltage:: | DC 10 ... 30 V |
| Ripple: | ≤ 10 % |
| Voltage drop: | 1.2 ¹⁾ |
| Power consumption: | ≤ 20 mA |
| Continuous current:: | 200 |
| Time delay before availability:: | ≤ 100 ms |
| Hysteresis min ... max (of sr):: | 2 10 |
| Repeatability: | ≤ 2 % (Ub and Ta constant) ²⁾ |
| Temperature drift (of sr):: | ± 10 % |
| EMC: | According to EN 60947-5-2 |
| Short-circuit protection (pulsed):: | 1 |
| Reverse polarity protection: | 1 |
| Power-up pulse protection: | 1 |
| Ambient temperature min ... max:: | -25 °C ... +70 °C |
| Housing material: | Brass nickel-plated, plastic |
| Max. tightening torque: | 4 Nm |
| Enclosure rating:: | IP 67 ³⁾ |

¹⁾ At I_a max ²⁾ Of sr ³⁾ According to EN 60529

Massbild

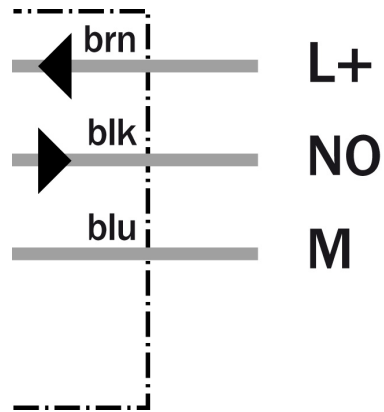


All dimensions in mm (inch)

Anschlussart



Anschluss-Schema



Australia

Phone +61 3 9457 0600
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 marketing@sick.com.br

Canada

Phone +1 905 771 14 44
E-Mail information@sick.com

Česká republika

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

China

Phone +86 4000 121 000
E-Mail info.china@sick.net.cn
Phone +852-2153 6300
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 info@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 +972-4-6881000
E-Mail info@sick-sensors.com

Italia

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

Japan

Phone +81 (0)3 5309 2112
E-Mail support@sick.jp

Magyarország

Phone +36 1 371 2680
E-Mail office@sick.hu

Nederland

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

Norge

Phone +47 67 81 50 00
E-Mail sick@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

România

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

Russia

Phone +7-495-775-05-30
E-Mail info@sick.ru

Schweiz

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

Singapore

Phone +65 6744 3732
E-Mail sales.gsg@sick.com

Slovenija

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

South Africa

Phone +27 11 472 3733
E-Mail info@sickautomation.co.za

South Korea

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

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) 528 50 00
E-Mail info@sick.com.tr

United Arab Emirates

Phone +971 (0) 4 88 65 878
E-Mail info@sick.ae

USA/México

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

More representatives and agencies
at www.sick.com