



Fotoprzekaźniki W24-2 Ex, Fotoprzekaźnik refleksyjny

WL24-2V530S06



SICK
Sensor Intelligence.

Nazwa modelu > **WL24-2V530S06**

Numer części > **1027613**



Produkt może różnić się od ilustracji

At a glance

- Marking: EX II 3D IP67 T70°C, EX II 3G EEx nA II T4 X according to Directive 94/9/EC (ATEX)
- Corresponds to 3D/3G category
- Large scanning range
- Red
- M12 plug or M16 screw connection: rotatable about 90°
- Durable zinc die-cast housing

Your benefits

- High level of operating reserves
- Metal housing for very high resistance and a long service life
- Flexible in installation thanks to rotatable connector concept



Cechy

Zasada działania czujnika/Sposób detekcji:	Fotoprzełącznik refleksyjny
Wymiary (Szer. x Wys. x Głęb.):	38 mm x 154,5 mm x 77 mm
Housing design (light emission):	Prostopadłościenna
Maks. strefa działania:	0 m ... 22 m ¹⁾
Sensing range:	0 mm ... 15 mm ²⁾
Rodzaj światła:	Widzialne światło czerwone
Nadajnik światła:	LED ³⁾
Nastawa:	Sensitivity adjustment
Średnica plamki świetlnej (odległość):	Ø 250 mm (15 m)

^{1) 2)} PL80A ³⁾ Average service life 100,000 h at Ta = +25 °C

Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC ¹⁾
Tętnienia resztkowe:	< 5 Vss ²⁾
Pobór prądu:	≤ 50 mA ³⁾
Wyjście przełączające:	PNP
Tryb przełączania:	Przełączanie jasno/ciemno, wybierane
Switching mode selector:	Selectable via NPN/PNP selector
Output current I _{max} :	100 mA
Czas reakcji:	≤ 500 µs ⁴⁾
Switching frequency:	1.000 Hz ⁵⁾

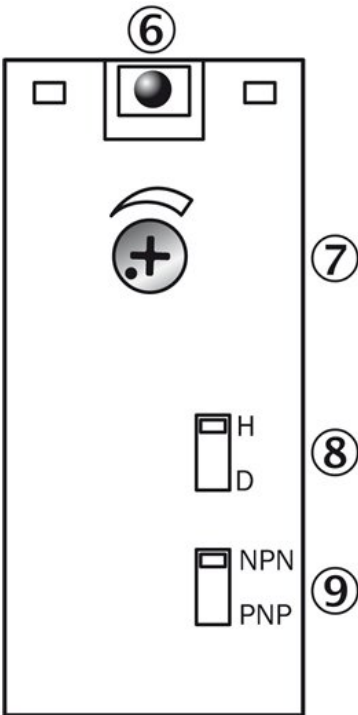
Ambient storage temperature:

-40 °C ... 75 °C

1) Limit values 2) May not exceed or fall short of V 3) Without load 4) Signal transit time with resistive load 5) With light/dark ratio 1:1 6) Connection rotatable by 90° 7)
A = V_S connections reverse-polarity protected 8) S = interference suppression 9) D = outputs overcurrent and short-circuit protected 10) Reference voltage 50 V DC

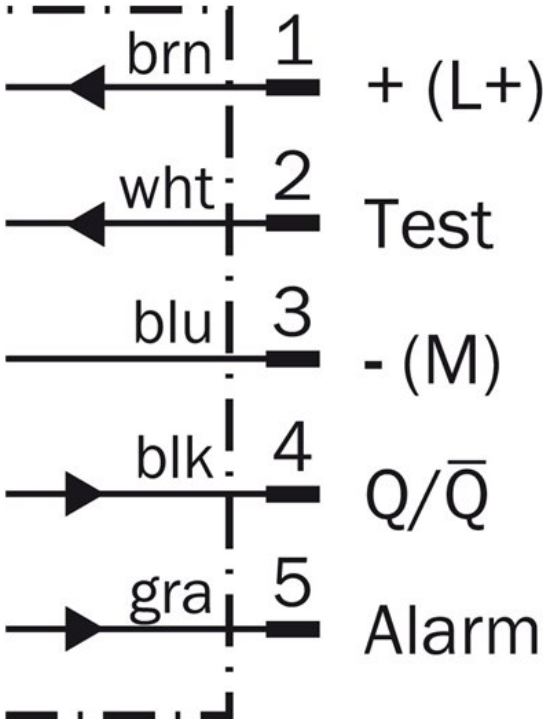
- [1] LED signal strength indicator
- [2] Center of optical axis, sender
- [3] Center of optical axis, receiver
- [4] Connection
- [5] Fixing hole for clamb holder

Adjustments possible

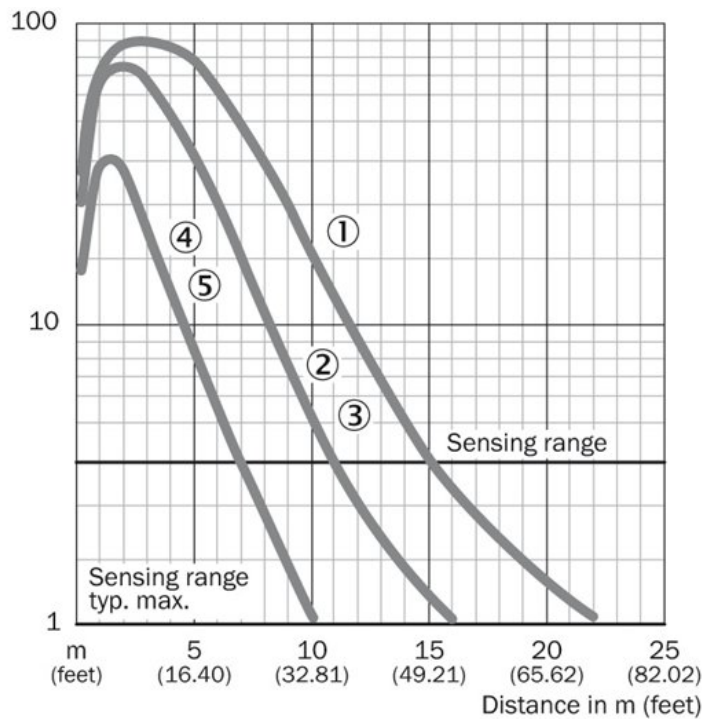


- |2| LED signal strength indicator
- |7| Sensitivity adjustment
- |8| Light/dark selector
- |9| NPN/ PNP selector

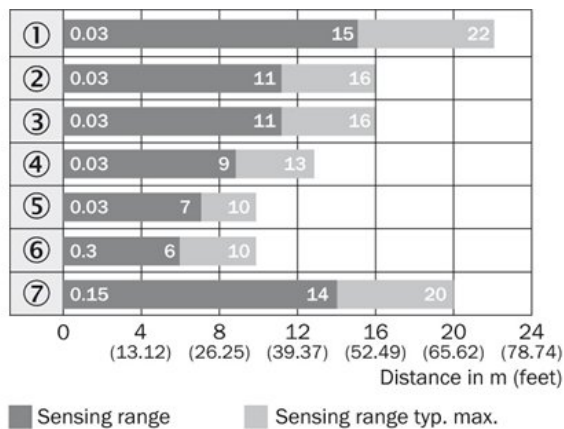
Connection diagram



Characteristic curve



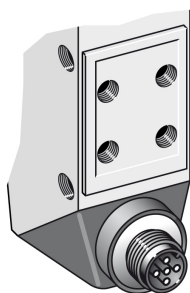
Sensing range diagram



Reflector type

- ① PL80A
- ② PL50A
- ③ PL40A
- ④ PL30A
- ⑤ PL20A
- ⑥ Diamond Grade (20 cm x 20 cm)
- ⑦ C110

Connection type



Australia

Phone +61 3 9457 0600
1800 334 802 – 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

Canada

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

Ceská 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 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 +972-4-6801000
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

Magyarország

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

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

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 admin@sicksgp.com.sg

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 8865 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