



Fotoprzekaźniki

WTB4S-3P2264



Nazwa modelu > **WTB4S-3P2264**

Numer części > **1042034**



At a glance

- Best background suppression and suppression of extraneous light in its class
- Setting either via teach-in button, 5-speed potentiometer cable or by IO-Link.
- All models with PinPoint technology
- Versions with laser-like LED light spots

Your benefits

- Less downtime due to reliable detection of objects of all types - regardless of which products are handled in the plant in the future.
- Laser-like light spot and corresponding performance enable replacement of laser sensors to some degree.
- The WTB4S-3 enables a smart machine design since reliable object detection is possible in the most cramped spatial conditions and with close-by critical backgrounds.
- Reliable detection thanks to best-in-class background suppression and high resistance to extraneous light



Cechy

Wymiary (Szer. x Wys. x Głęb.):	16 mm x 39,5 mm x 12 mm
Maks. strefa działania:	4 mm ... 150 mm
Sensing range:	15 mm ... 150 mm
Housing desig (light emission):	Slim
Nadajnik światła:	Pin Point LED ¹⁾
Rodzaj światła:	widzialne światło czerwone
Długość fali:	650 nm
Nastawa:	adjustable
Nastawienie czułości:	Adjustable
Teach-in:	single
Zasada działania czujnika/Sposób detekcji:	Fotoprzełącznik odbiciowy, Tłumienie tła
Light spot (distance):	6,5 mm (150 mm)

¹⁾ Average service life 100,000 h at Ta = +25 °C

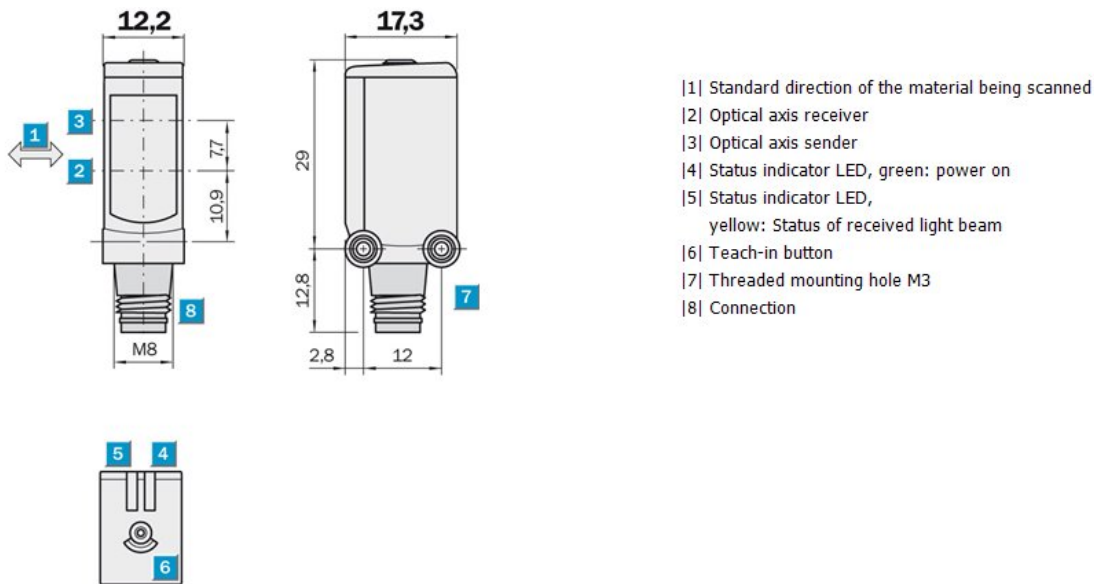
Mechanika/elektronika

Rodzaj zabezpieczenia:	IP 67 IP 66
Napięcie zasilania:	10 V DC ... 30 V DC ¹⁾
Tętnienia resztkowe:	< 5 Vss ²⁾

Pobór prądu:	30 ³⁾
Wyjście przełączające:	PNP, light switching
Output current I _{max} :	100
Czas reakcji:	< 0,5 ms ⁴⁾
Switching frequency:	1.000 With light/dark ratio 1:1
Sposób przyłączania:	Connector M8, 4-pin
Ilość żył:	4
Klasa ochronności:	III
Układ zabezpieczenia:::	A C ⁵⁾ 6) 7) D
Ciężar:	30 g
Tworzywo, obudowa:	ABS
Tworzywo, układ optyczny:	PMMA
Ambient temperature, operation:	-40 °C ... 60 °C
Ambient temperature, storage:	-40 °C ... 75 °C

¹⁾ Limit values ²⁾ May not exceed or fall short of V_S tolerances ³⁾ Without load ⁴⁾ Signal transit time with resistive load ⁵⁾ A = VS connections reverse-polarity protected ⁶⁾ C = interference suppression ⁷⁾ D = outputs overcurrent and short-circuit protected

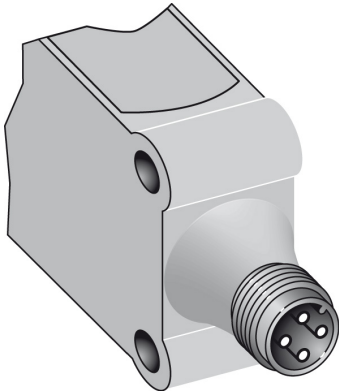
Rysunek techniczny



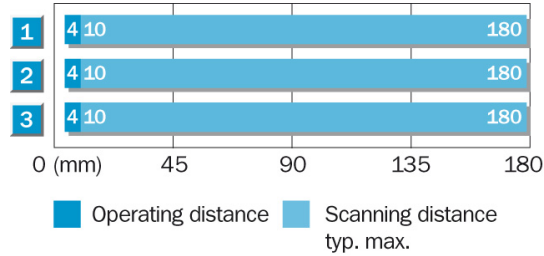


[6] Teach-in button

Typ połączenia



Schemat zakresu pracy



1	Scanning distance on black, 6 % remission
2	Scanning distance on grey, 18 % remission
3	Scanning distance on white, 90 % remission

Australia

Phone +61 3 9497 4100
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(952) 941-6780
1 800-325-7425 – tollfree
E-Mail info@sickusa.com

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

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

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

Slovenija

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

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 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