



Fotoprzełączniki W4S-3 Inox Hygiene, Fotoprzełącznik odbiciowy, Tłumienie przedpola

WTF4S-3P3232HS03



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Nazwa modelu > **WTF4S-3P3232HS03**

Numer części > **1050933**



Produkt może różnić się od ilustracji

At a glance

- Hygienic designed stainless steel housing and accessories (316L/1.4404)
- Hygienic mounting using M12-adapter thread or D12-adapter shaft
- IP 66, IP 67, IP 68 and IP 69K enclosure rating and Ecolab certified
- Resistant to a variety of common cleaning and disinfection agents
- Stainless steel teach-in pushbutton with a metal membrane
- PinPoint LED technology provides a highly visible laser-like light spot

Your benefits

- Smooth hygienic housing and accessories with no grooves or crevices eliminates the potential for bacteria to grow, providing a more hygienic solution.
- Long service life in harsh conditions ensures less downtime and fewer replacement costs
- OES3 technology and special optical design ensures reliable detection of objects at an extended range which ensures less machine downtime caused by faulty switching
- Easy adjustment via a stainless steel metal membrane teach-in pushbutton
- Quick and easy alignment due to highly visible PinPoint emitter LED



Cechy

Zasada działania czujnika/Sposób detekcji:	Fotoprzełącznik odbiciowy, Tłumienie przedpola
Wymiary (Szer. x Wys. x Głęb.):	15,25 mm x 49,2 mm x 22,15 mm
Housing design:	Hygiene
Housing design (light emission):	Prostopadłościenna
Maks. strefa działania:	20 mm ... 200 mm ¹⁾
Rodzaj światła:	Widzialne światło czerwone
Nadajnik światła:	Pin Point LED ²⁾
Długość fali:	650 nm
Teach-in:	Single teach-in button
Nastawa:	Teach-in
Średnica plamki świetlnej (odległość):	Ø 6,5 mm (150 mm)

¹⁾ Obiekt odbijający 90% światła (standardowy biały zgodnie z normą DIN 5033) ²⁾ Average service life of 100,000 h at T_A = +25 °C

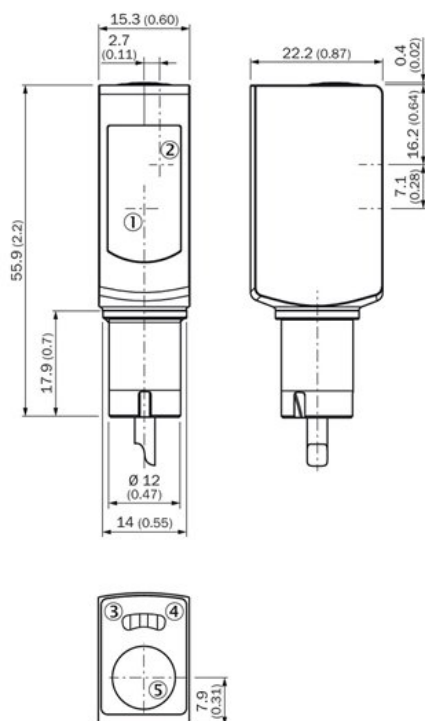
Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC ¹⁾
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Pobór prądu:	$\leq 30 \text{ mA}$ ²⁾
Wyjście przełączające:	PNP
Tryb przełączania:	Przełączanie jasno/ciemno, wybierane
Output current I _{max} :	$\leq 100 \text{ mA}$
Czas reakcji:	$< 0,5 \text{ ms}$ ³⁾
Switching frequency:	1.000 Hz ⁴⁾
Sposób przyłączenia:	Cable with connector M8, 4-pin, 150 mm ⁵⁾
Cable material:	PVC
Układ zabezpieczenia:::	A B 6) 7) 8) C
Klasa ochronności:	III
Ciężar:	50 g
Tworzywo, obudowa:	Stainless steel, Stainless steel 316L
Rodzaj zabezpieczenia:	IP 66 IP 67 IP 68 IP 69K
Emitancja:	D12 adapter shaft
Funkcje specjalne:	Slotted diaphragm 2 mm in front of sender
Ambient operating temperature:	-30 °C ... 60 °C, -30 °C ... 70 °C ⁹⁾
Ambient storage temperature:	-30 °C ... 75 °C
UL File No.:	FDA, UL No. NRKH.E181493 & cUL No. NRKH7.E181493

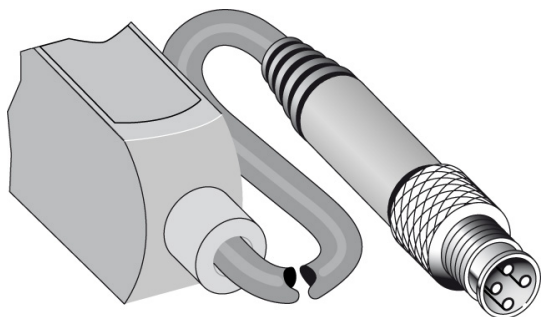
¹⁾ Limit values, reverse-polarity protected, operation in short-circuit protected network: max. 8 A ²⁾ Bez obciążenia ³⁾ Signal transit time with resistive load ⁴⁾ With
light/dark ratio 1:1 ⁵⁾ Do not bend below 0 °C ⁶⁾ A = V _S connections reverse-polarity protected ⁷⁾ B = inputs and output reverse-polarity protected ⁸⁾ C = interference
suppression ⁹⁾ At UV $\leq 24 \text{ V}$ and IA $< 30 \text{ mA}$

Dimensional drawing



- |1| Center of optical axis, sender
- |2| Center of optical axis, receiver
- |3| Status indicator LED,
yellow: Status of received light beam
- |4| Status indicator LED green: power on
- |5| single teach-in button

Connection type



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