



Czujniki widelkowe WFM

WFM30-40P321



Nazwa modelu > **WFM30-40P321**

Numer części > **6037819**



Produkt może różnić się od ilustracji

At a glance

- Highly visible red emitted light
- No setup, out-of-the-box operation
- 360° output indicator
- 5 fork sizes: maximum depth 120 mm, maximum width 180 mm
- Rugged, IP 67 aluminum housing

Your benefits

- Fixed housings guarantee a high level of operational safety with simple commissioning
- A visible red light enables easy alignment and fast adjustment
- The 360-degree yellow output indicator makes continual process control possible
- A wide range of different fork sizes increases installation flexibility
- The aluminum housing meets all requirements for use in harsh industrial conditions



Cechy

Sposób działania:	Optical detection principle
Fork width:	30 mm
Fork depth:	42 mm
Label detection:	-
Nadajnik światła:	LED
Rodzaj światła:	Widzialne światło czerwone
Nastawa:	None
Tryb przełączania:	Dark switching
Housing design (light emission):	Fork shaped
Minimum detectable object (MDO):	0,8 mm

Mechanika/elektronika

Tętnienia resztkowe ¹⁾ :	< 10 %
Pobór prądu ²⁾ :	< 20 mA
Switching frequency ³⁾ :	4 kHz
Czas reakcji ⁴⁾ :	125 µs
Stability of response time:	± 15 µs
Wyjście przełączające:	NPN: HIGH = approx. VS/LOW ≤ 1.5 V PNP: HIGH = VS - ≤ 1.5 V/LOW = 0 V
Tryb przełączania:	PNP
Output current I _{max} :	100 mA

Initialization time:	140 ms
Typ połączenia:	Connector M8, 3-pin
Klasa ochronności ⁵⁾ :	III
Układ zabezpieczenia:	Vs connections reverse-polarity protected Wyjście Q zabezpieczone przed zwarciami Tłumienie interferencji
Rodzaj zabezpieczenia:	IP 67
Ciężar:	Ca. 80 g ... 190 g ⁶⁾
Housing material:	Aluminium, Metal
Napięcie zasilania:	10 V DC ... 30 V DC ⁷⁾
Bezpieczna jasność otoczenia:	Sunlight: ≤ 10.000 klx
Fieldbus interface:	-

¹⁾ May not exceed or fall short of V_S tolerances
²⁾ Bez obciążenia
³⁾ With light/dark ratio 1:1
⁴⁾ Signal transit time with resistive load
⁵⁾ Reference voltage DC 50 V
⁶⁾ Depending on fork width
⁷⁾ Limit values, reverse-polarity protected, operation in short-circuit protected network: max. 8 A

Dane otoczenia

Obciążenie uderzeniowe:	According to EN 60068-2-27
UL File No.:	NRKH.E191603 & NRKH7.E191603
Ambient temperature operation:	-10 °C ... +60 °C ¹⁾
Ambient storage temperature:	-40 °C ... +80 °C

¹⁾ Do not bend below 0 °C

Rysunek techniczny

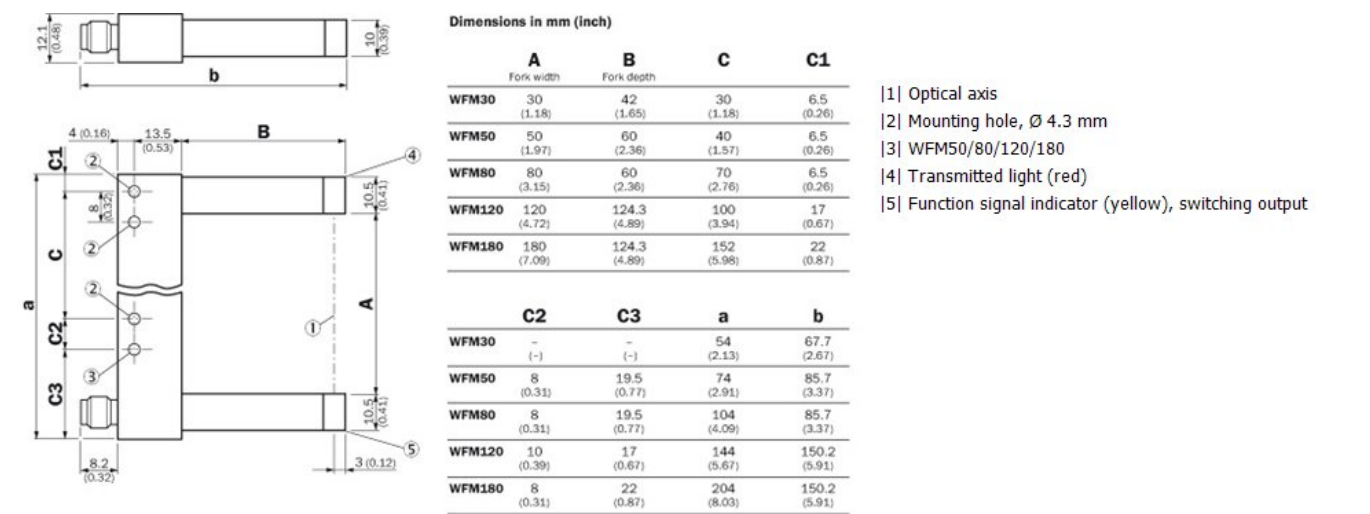


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