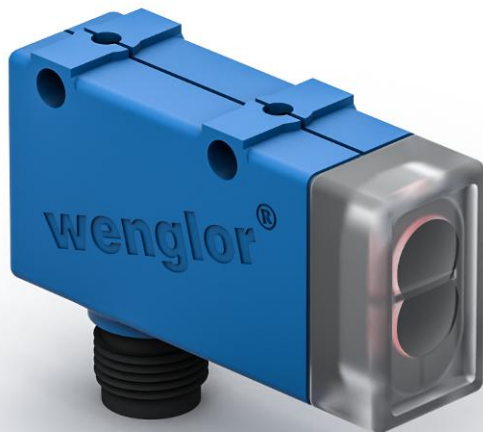


Notice of Discontinuation
WM03NCT2S614
Print Mark Reader



EN

End-of-Life Notices

Discontinued product: WM03NCT2S614

Recommended successor product: P1MW002

Discontinuation date: 30.04.2027

Key Differences

The successor product has an IO-Link interface instead of RS-232.

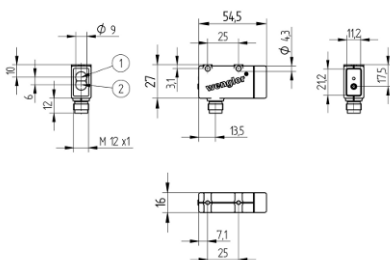
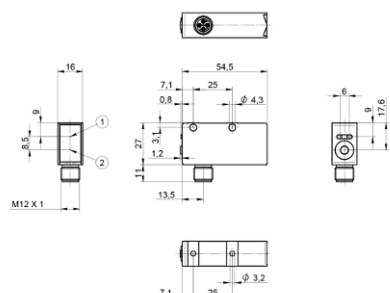
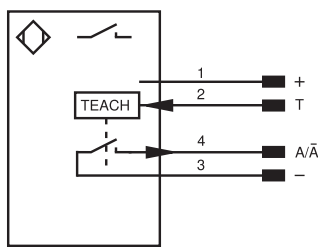
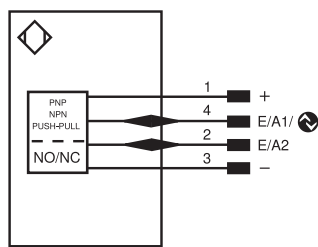
For the successor product, the on- and off-delay can be parameterized via IO-Link.

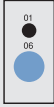
Below you will find a detailed product comparison:

	Discontinued product WM03NCT2S614	Successor product P1MW002
Optical Data		
Working Range	12...18 mm	10...30 mm
Working Distance	15 mm	20 mm
Resolution (Gray Scale)	20	20
Switching Hysteresis	< 2 %	< 5 %
Light Source	White Light	White Light
Wavelength	400...700 nm	400...700 nm
Service Life (T = +25 °C)	100000 h	100000 h
Max. Ambient Light	10000 Lux	10000 Lux
Light Spot Diameter	1.5 × 2.5 mm	2 × 2.5 mm
Electrical Data		
Supply Voltage	10...30 V DC	10...30 V DC
Supply Voltage with IO-Link		18...30 V DC
Current Consumption (U _b = 24 V)	< 30 mA	< 30 mA
Switching Frequency	10 kHz	14 kHz
Response Time	50 µs	50 µs
Off-Delay		20 ms
Temperature Drift	< 2 %	< 2 %
Temperature Range	-25...60 °C	-25...60 °C
Switching Output Voltage Drop	< 2.5 V	< 2.5 V
NPN Switching Output/Switching Current	100 mA	100 mA
Short Circuit Protection	yes	yes
Reverse Polarity Protection	yes	yes
Overload Protection	yes	yes
Lockable	yes	yes
Teach Mode	ZT, FT	
Interface		IO-Link V1.1
IO-Link transmission speed		COM2
Protection Class	III	III
Mechanical Data		

	Discontinued product WM03NCT2S614	Successor product P1MW002
Setting Method	Teach-In	Teach-In
Housing Material	Plastic, PBT	Plastic, ABS/GF
Optic Cover	Plastic, PMMA	Plastic, PMMA
Degree of Protection	IP67	IP67 IP68
Connection	M12 × 1; 4-pin	M12 × 1; 4-pin
Output Functions		
Output	NPN	NPN
Circuit	NO	NO

Technical Drawings/Connection Diagrams/Approvals

	Discontinued Product WM03NCT2S614	Successor Product P1MW002
Photo of Product		
Dimensional drawing	 ① Transmitter Diode ② Receiver Diode Screw M4 = 1 Nm	 ① Transmitter Diode ② Receiver Diode Screw M4 = 1 Nm
Connection diagram	352 	374 

	Discontinued Product WM03NCT2S614		Successor Product P1MW002	
Control panel	M7  01 = Switching Status Indicator 06 = Teach Button		A 48  30 = Switching Status/Contamination Warning 68 = Power LED 06 = Teach Button	
Approvals	   		    	