wenglor
the innovative family

Notice of Discontinuation
UF66PCV3
Fiber-optic amplifier



EN

Available as PDF file only
Version 1.0
www.wenglor.com

End-of-Life Notices

Discontinued product: UF66PCV3

Recommended replacement product: UF66PA3

Discontinuation date: 31.12.2026

Key Differences

The successor product does not have a contamination output and switches in anitvalent mode.

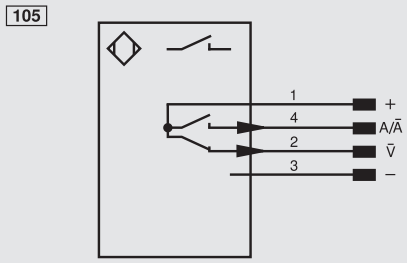
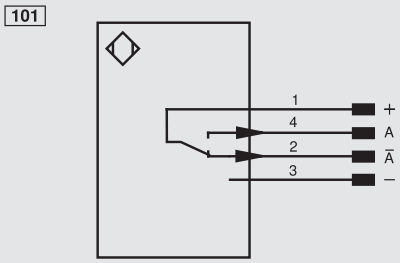
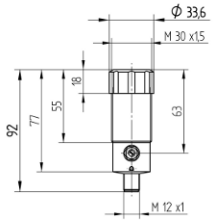
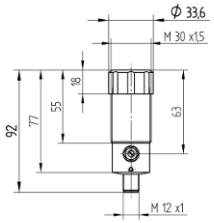
The successor product does not have a switch between NC and NO.

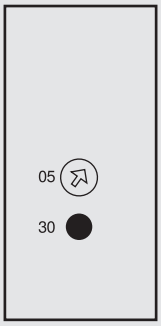
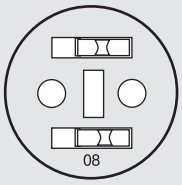
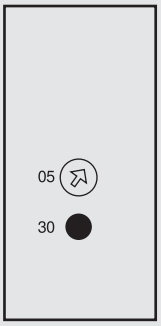
Below you will find a detailed product comparison:

	Discontinued product UF66PCV3	Successor product UF66PA3
Visual data		
Range	1000 mm	1000 mm
Switching Hysteresis	< 15 %	< 15 %
Light Source	Infrared Light	Infrared Light
Service Life (T = +25 °C)	100000 h	100000 h
Max. Ambient Light	10000 Lux	10000 Lux
Opening Angle	12 °	12 °
Technical Specifications		
Supply Voltage	10...30 V DC	10...30 V DC
Current Consumption (Ub = 24 V)	< 40 mA	< 40 mA
Switching Frequency	200 Hz	200 Hz
Response Time	2500 µs	2500 µs
Temperature Drift	< 10 %	< 10 %
Temperature Range	-25...60 °C	-25...60 °C
Switching Output Voltage Drop	< 2.5 V	< 2.5 V
Switching Output/Switching Current	200 mA	200 mA
Residual Current Switching Output	< 50 µA	< 50 µA
PNP Contamination Output/Switching Current	50 mA	
Short Circuit Protection	yes	yes
Reverse Polarity Protection	yes	yes
Overload Protection	yes	yes
Protection Class	III	III
Mechanical data		
Setting Method	Potentiometer	Potentiometer
Housing Material	Brass, nickel-plated	Brass, nickel-plated
Full Encapsulation	yes	yes
Degree of Protection	IP65	IP65
Connection	M12 × 1; 4-pin	M12 × 1; 4-pin
Output functions		
Output	PNP Contamination Output	PNP

	Discontinued product UF66PCV3	Successor product UF66PA3
Circuit	NO	NC+NO
scope of delivery		
Scope of delivery	1 × initial start-up instructions 1 × sensor 1 × UEM30KU-01 sleeve nut 2 × MUTTER-M30-E001 hex nuts	1 × initial start-up instructions 1 × sensor 1 × UEM30KU-01 sleeve nut 2 × MUTTER-M30-E001 hex nuts

Technical Drawings/Connection Diagrams/Approvals

	Discontinued product UF66PCV3	Successor product UF66PA3
Product image		
connection diagram		
Dimensioned drawing		

	Discontinued product UF66PCV3		Successor product UF66PA3	
Control panel and appearance	F2  Fo3  30 = Switching Status/Contamination Warning 08 = NO/NC Switch 05 = Switching Distance Adjuster		F2  30 = Switching Status/Contamination Warning 05 = Switching Distance Adjuster	
Approvals	CE c UL us LISTED IND. CONT. EQ 72HL / E189727 For use in class 2 circuits	RoHS UKCA	CE c UL us LISTED IND. CONT. EQ 72HL / E189727 For use in class 2 circuits	RoHS UKCA