

Notice of Discontinuation
ODX402P0099
Fiber-optic amplifier



EN

End-of-Life Notices

Discontinued Product: ODX402P0099

Recommended replacement product: P1XD202

Discontinuation Date: 30.06.2027

Key Differences

With the successor products, there is only one article number for the master and the sub-unit, as each product can be used both as a master and as a stand-alone product.

The successor product can connect a total of 14 modules with each other. With the discontinued product, 12 additional masters could be connected, allowing a total of 15 fiber-optic cables to be connected.

The glass fiber-optic cables previously used with the discontinued product cannot be used with the successor product, as the adapters for these cables are not compatible with the successor product.

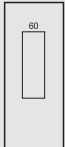
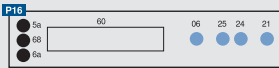
The plastic fiber-optic cables K10, K11, K12, K15 and K17 cannot be used with the successor product, as the adapters for these cables are not compatible with the successor product.

With the successor product, only the master sensor needs to be connected to the voltage supply. It can be used to read out and parameterize the sub-units.

The successor product has no logic output.

Below you will find a detailed product comparison:

	Discontinued product ODX402P0099	Successor product P1XD202
Visual data		
Switching Hysteresis	< 15 %	
Light Source	LED, red	Bi-Color
Service Life (T = +25 °C)	100000 h	> 100000 h
Max. Ambient Light	10000 Lux	10000 Lux
Electrical data		
Supply Voltage		10...30 V DC
Supply Voltage with IO-Link		18...30 V DC
Current Consumption (U _b = 24 V)	+ 10 mA	45 mA
Switching Frequency		9.8 kHz
Response Time	+ 70 µs	51 µs
On-/Off-Delay	0...10000 ms	0...10000 ms
Temperature Drift	< 10 %	< 10 %
Temperature Range	-25...60 °C	-25...60 °C
Switching Output Voltage Drop		< 2 V
Switching Output/Switching Current		100 mA
Short Circuit Protection	yes	yes
Reverse Polarity Protection	yes	yes
Overload Protection	yes	yes
Teach Mode	NT, MT, ZT, DT, FT, HT, TP	NT, MT, MT with dynamic readjustment, jump detection, DT, BT, WT
IO-Link transmission speed		COM3
Interface		IO-Link NFC
Protection Class	III	III

	Discontinued Product ODX402P0099	Successor Product P1XD202
control panel	 60 = display	 06 = Teach Button 21 = Mode Button 24 = Plus Button 25 = Minus Button 5a = Switching Status Indicator, O1 60 = display 68 = Power LED 6a = Switching Status Indicator, O2

Approvals	   
	 
	  