

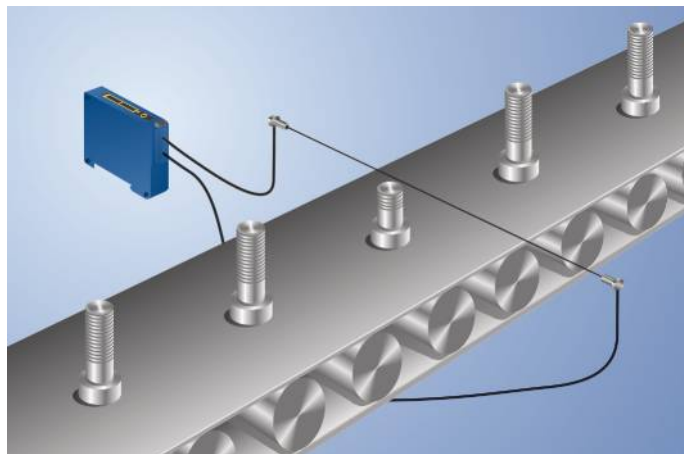
Fiber-optic amplifier

ODX402P0008



- Menu-driven settings
- Mount for fiber optic cable adapter 3
- Recognition of transparent objects
- Reflex and through-beam operation mode are possible
- Teach-in

wenglor fiber-optic cables can be adapted to these sensors. The modern graphic display assures easy, menu-driven sensor setup. Signal strengths and the switching threshold can be read from the display as numeric values or as a bar graph.



Optical Data

Switching Hysteresis	< 15 %
Light Source	Red Light
Wavelength	660 nm
Service Life (T = +25 °C)	100000 h
Max. Ambient Light	10000 Lux

Electrical Data

Supply Voltage	18...30 V DC
Current Consumption (U _b = 24 V)	< 40 mA
Switching Frequency	4 kHz
Response Time	125 µs
On-/Off-Delay	0...10000 ms
Temperature Drift	< 10 %
Temperature Range	-25...60 °C
Switching Output Voltage Drop	< 2,5 V
Switching Output/Switching Current	100 mA
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Teach Mode	NT, MT, ZT, DT, FT, HT, TP
Protection Class	III

Mechanical Data

Setting Method	Menu (OLED)
Housing Material	Plastic
Degree of Protection	IP65
Connection	M8 × 1; 3-pin
DIN-Rail mounting	35 mm

Safety-relevant Data

MTTFd (EN ISO 13849-1)	854,78 a
Selectable menu language	●
Password Protection	●
PNP NO	●
Connection Diagram No.	778
Control Panel No.	X4
Suitable Connection Equipment No.	8
Suitable Fiber-Optic Cable Adapter No.	003

Display brightness may decrease with age. This does not result in any impairment of the sensor function.

Complementary Products

Glass Fiber-Optic Cable
Plastic Fiber-Optic Cable

X4

