

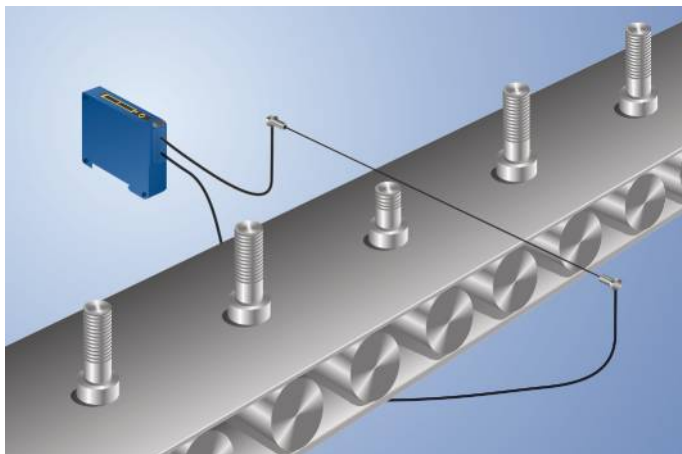
Fiber-optic amplifier

ODX402P0007



- External teach-in
- Menu-driven settings
- Mount for fiber optic cable adapter 3
- Recognition of transparent objects
- Teach-in

wenglor fiber-optic cables are connected to these sensors. The 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. Convenient programming and quick diagnosis is possible via the IO-Link interface.



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
Interface	IO-Link V1.0
IO-Link Parameter	> 12
Protection Class	III

Mechanical Data

Setting Method	Menu (OLED)
Housing Material	Plastic
Degree of Protection	IP65
Connection	M8 × 1; 4-pin
DIN-Rail mounting	35 mm

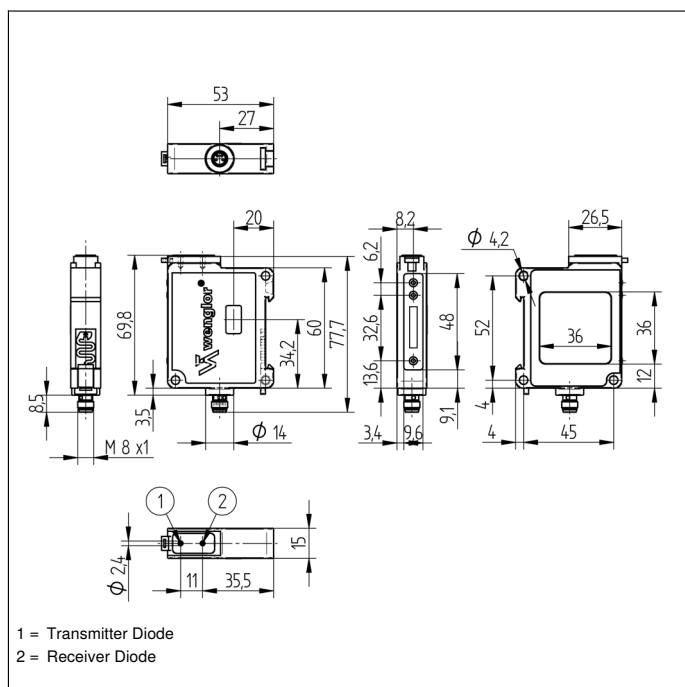
Safety-relevant Data

MTTFd (EN ISO 13849-1)	849,77 a
Selectable menu language	●
Password Protection	●
IO-Link	●
PNP NO	●
Connection Diagram No.	774
Control Panel No.	X4
Suitable Connection Equipment No.	7
Suitable Fiber-Optic Cable Adapter No.	003

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

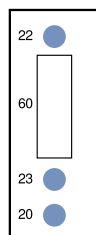
Complementary Products

Glass Fiber-Optic Cable
IO-Link Master
Plastic Fiber-Optic Cable
Software



Ctrl. Panel

X4



20 = Enter key
22 = Up key
23 = Down key
60 = display

