



## IOL3300

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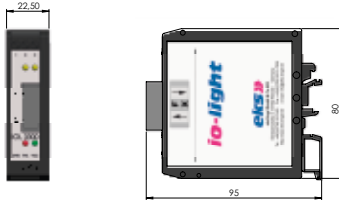
### CONTACT CLOSURE FO-SYSTEM

### 1 X CONTACT CLOSURE

The fiber optic system IOL3300 transmits digital signals (e.g., contact closures, control-signals) via fiber optics.

The fiber optic cable is able to transmit one digital signal (12–24 VDC) in both directions via one or two fiber.

LEDs and potential-free contacts of a fault detector relay are able to signal defective states.



Type	P-ST	H-ST	MM-ST	MM-SC	MM-SC/BIDI	SM-ST	SM-SC	SM-E2	SM-SC/BIDI
<b>Article no.</b> <b>IOL3300-TRX-1D</b>	03300 2301	03300 2312	03300 2321	03300 2323	03300 2323-BIDI A 2323-BIDI B	03300 2331	03300 2333	03300 2335	03300 2333-BIDI A 2333-BIDI B
<b>FO-connector</b>	ST	ST	ST	SC	SC	ST	SC	E-2000	SC
<b>Fiber type</b>	POF 980/1000 μm	HCS 200/230 μm		Multimode 62.5 (50)/125 μm				Singlemode 9/125 μm	
<b>Optical budget</b>	12 dB	12 dB		12 dB				16 dB	
<b>FO range</b>	50 m (180 dB/km)	200 m (8 dB/km)		5 km (1 dB/km)				30 km, others up to 100 km on request (0.3 dB/km)	
<b>Wavelength</b>	650 nm	850 nm		1310 nm	1310 nm 1550 nm		1310 nm		1310 nm 1550 nm
<b>Signal input</b>	10–30 VDC / 5 mA								
<b>Signal output</b>	24 VAC (1 A) / 24 VDC (1 A) / 60 VDC (0.3 A)								
<b>Cable length</b>	1 m								
<b>Failure relay</b>	24 VDC (1 A) / 60 VDC (0.3 A)								
<b>Status-LEDs</b>	Power supply (green) / Data (yellow) / Status (red)								
<b>Power supply</b>	12–30 VDC								
<b>Power consumption</b>	2.5 Watts, 100 mA (24 V)								
<b>Operating temperature</b>	–40 °C – +70 °C (Multimode and Singlemode with ST or SC), –20 °C – +55 °C (all others)								
<b>EMC</b>	EN61000-6-2/EN55022 + A1 + A2 Class B								
<b>Weight</b>	150 g								
<b>Dimensions</b>	22.5 x 93 x 82 mm								
<b>Housing</b>	Polyamide, black								