



IOL3400

CONTACT CLOSURE
FO-SYSTEM

1 X SO IMPULSE SIGNAL

The FO-system IOL3400 is used for the uni directional transmission of a SO impulse output.

For the transmission of the impulse a simplex fiber optic cable is enough.

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		SM-ST	SM-SC	SM-E2	
Article no. IOL3400	03400 2301	03400 2312	03400 2321	03400 2323		03400 2331	03400 2333	03400 2335	
FO-connector	ST	ST	ST	SC		ST	SC	E-2000	
Fiber type	POF 980/1000 μm	HCS 200/230 μm		Multimode 62.5 (50)/125 μm				Singlemode 9/125 μm	
Optical budget	12 dB	12 dB		12 dB				16 dB	
FO range	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)	
Wavelength	650 nm	850 nm		1310 nm				1310 nm	
Signal input	acc. to EN62053-31, Class A or Class B depending on IOL-3400 Power supply								
Signal output	acc. to EN62053-31								
Cable length	1 m								
Failure relay	24 VDC (1 A) / 60 VDC (0.3 A)								
Status-LEDs	Power supply (green) / Data (yellow) / Status (red)								
Power supply	12-30 VDC								
Power consumption	2.5 Watts, 100 mA (24 V)								
Operating temperature	-40 °C – +70 °C (Multimode and Singlemode with ST or SC), -20 °C – +55 °C (all others)								
EMC	EN61000-6-2/EN55022 + A1 + A2 Class B								
Weight	150 g								
Dimensions	22,5 x 93 x 82 mm								
Housing	Polyamide, black								