

TO / RO



TRANSMITTER & RECEIVER CONTACTS ON/OFF

TO

TX 8 SIGNALS ON/OFF

RO

RX 8 SIGNALS ON/OFF

1 FIBER

-20° a 70°C Industrial Range



- Transmitter and Receiver of signals on/off up distances of 25Km.
- Optocoupled contacts.
- Transmissions at 850nm and 1310nm for fibers MM and SM.
- Format mounts for Rack (Pawal) and Standalone/ DIN Rail.
- Plug & Play Installation.
- Designed and built for resist hardest environmental conditions.

TO/RO devices are transmitters and receivers modules multiplexing 8 contact signals On/Off over 1 fiber optic. All contacts are optocoupled and isolated providing high security and quality during transmission. A signal light by LED for each contact show the correct link and functionality.

Adilec offer two mechanical formats: Rack 19"3U (Pawal) and Standalone/DIN Rail.

Transmitter	Receiver compatible	Wavelength	Connector	Fiber	Loss máx. ¹
TO 11N11 TO 11N16	RO 11N11 RO 11N16	850nm 1 x MM	ST	62.5/125 50/125 ²	16dB (4Km)
TO 12N11 TO 12N16	RO 12N11 RO 12N16	1310nm 1 x MM	ST	62.5/125 50/125	16dB (14Km)
TO 12M11 TO 12M16	RO 12M11 RO 12M16	1310nm 1 x MM	FC-PC	9/125	12dB (25Km)

11 = Rack (Pawal) 16 = Standalone/Carril DIN

(1) Atenuacion: 3dB/Km at 850nm and 1dB Km at 1310nm for 62.5/125. For 9/125 0.4dB/km at 1310nm.
(2) For 50/125 rest 4dB to max. loss.

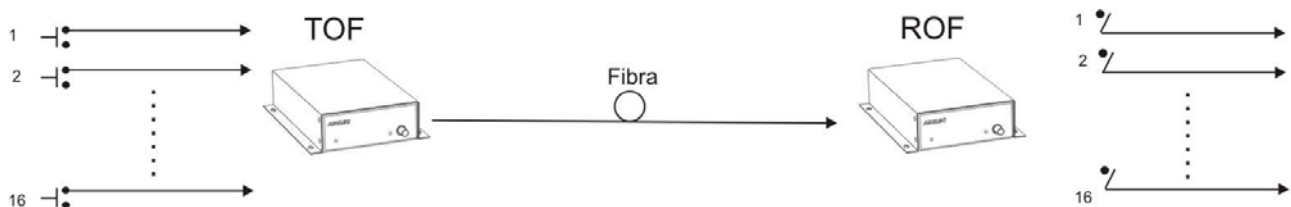


TO / RO

Technical specifications:

TRANSMITTER AND RECEIVER	
Optocoupled contacts	5..24Vcc
Electric connector	Sub D 25
Supply system	PAWAL o 12Vcc
Dimensions TOFxx11 (rack)	35.5×129×165 mm Sub-chassis 7TE,3U
Weight	470 gr
Dimensions TOFxx12 (Standalone/DIN Rail)	128x39x164
Weight	580 gr
MTBF	100.000hours
Storage temperature	-55 to 85 °C
Operating temperature	-20 to 70 °C
Relative humidity	95% without condensation

APPLICATION:



CONEXION DIAGRAM:

