

8 Channel Contact Closure Fiber Link Card System

The 8 Channel Contact Closure Fiber Link system provides a transmission of up to eight independent contact closure signals over one optical fiber. A complete system requires 2 cards, a transmitter card and a receiver card.

This hardened, rugged system is designed to be installed into any of the RLH card shelf housings and is covered by our **Limited Lifetime Warranty**.



8 Channel Contact Closure Card System

Key Features

Environment

Hardened to operate in -40°F to +158°F (-40°C to +70°C)

Power

24-56VDC local power source for each card
DC power is not polarity sensitive

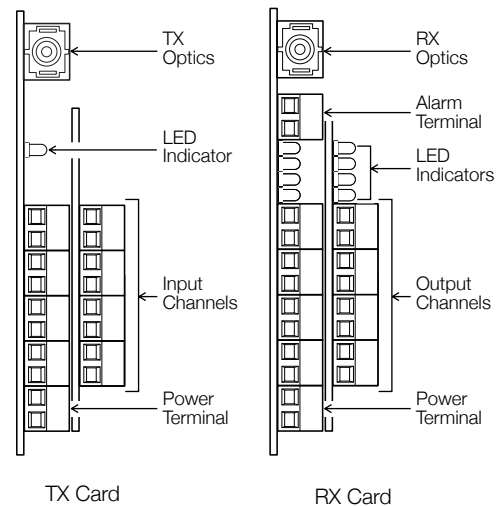
Application

Available with ST connectors for single or multi-mode fiber
RX side includes alarm contact for status monitoring
Convenient LED status indicators
Critical, high voltage, remote or un-manned locations operating 24/7/365

Quality

Made in the USA

Covered by our **Limited Lifetime Warranty**



Front Panel Features

Ordering Information

Optics	Description	Distance	Fiber	Part Number
Multimode ST	TX Card	2km / 1.2 mi	62.5 μm	8C4-M2STT-01
	RX Card	2km / 1.2 mi	62.5 μm	8C4-M2STR-01
Single-mode ST	TX Card	15km / 9 mi.	8~9 μm	8C4-S3STT-01
	RX Card	15km / 9 mi.	8~9 μm	8C4-S3STR-01

- ▶ A complete system requires 1 **TX** unit and 1 **RX** unit
- ▶ Please contact your RLH sales representative for pricing and delivery information

General Specifications

Transmission method	Amplitude modulated light via two optical fibers
	Multimode: 850nm
	Single-mode: 1310nm
Maximum Fiber Attenuation / Distance*	Multimode: 6dB / 1.2 miles (2km)
	Single-mode: 8dB / 9 miles (15km)
	*Note: Distances equated using industry standard fiber and connector attenuation of 3dB/Km. Fiber condition, splices and connectors may affect actual range.
Fiber Type	ST connectors
	Multimode: 62.5/125μm
	Single-mode: 8-9/125μm
Wire Connector	Screw clamp terminal block, 16 ~ 26 AWG
Input 1-8 (TX Card)	Dry contact closure relay
Output 1-8 (RX Card)	Normally Open Relay
Alarm Output (RX Card)	Normally Open/Closed Relay
Relay Maximum Rating	115VAC 0.6A, 110VDC 0.6A, 30VDC 2A
Response Time	10ms
Surge Protection	PTC thermistors, zener diodes and varistors
Power Requirements	TX Card: 24-56VDC, 15mA minimum
	RX Card: 24-56VDC, 65mA minimum
Powering Method	Local DC power source
Operating Temperature	-40° to +158° F (-40° to +70° C), 95% non-condensing
Dimensions	Standard RLH Fiber Link Card, L7" x W4"x H1.24"
Warranty	Limited Lifetime <i>Visit www.fiberopticlink.com for warranty details</i>