

**81SL
SERIES
SINGLEMODE**

8 CHANNEL CONTACT CLOSURE SYSTEM

**CC
8 -->**

Features:

- ◆ 8 Channels, Form-C (Normally Open or Normally Closed) Dry Contact Closure
- ◆ Latching Relays reduce power requirement
- ◆ User-Selectable feature maintains Contact Status through Power-Cycle and Loss-of-Optical-Power.
- ◆ User Control to Reset all Contact Status
- ◆ Diagnostics: Power, Optical Presence and Channel Indicators
- ◆ High Density DB26 Data Connector with Adaptor to screw terminal

Specifications:

Data:

Contact Closure Rating0.5A Max.
40 Volt DC or Peak AC Per Channel
Response Time 5 ms
Connector DB26 with Adaptor
to Screw Terminal

Optical:

Wavelength 1310nm
Loss Budget (9/125µ)..... 19 dB
Connector FC

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module – 12 VDC (AFI Part # PS-12D)
Rack Card – AFI SR 20/2

Size:

Module81/8" x 41/8" x 11/8"
Rack Card (1 rack slot)6½" x 5" x 1"

Product Ordering Information:

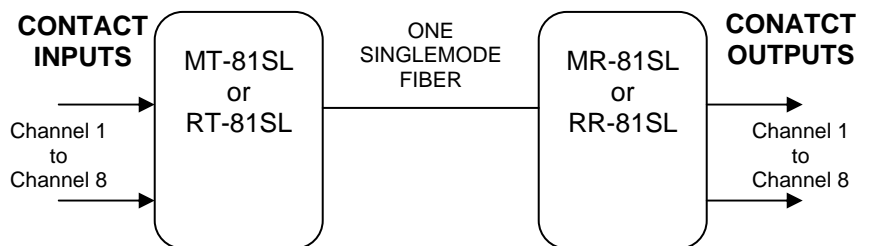
MT = Module Transmitter –Signal Source
MR = Module Receiver –Signal Receive
RT = Rack Card Transmitter - Signal Source
RR = Rack Card Receiver – Signal Receive

Example: MT-81SL to RR-81SL



The American Fibertek 81SL Series multiplexes 8 channels of dry latching contact closure on one singlemode fiber. A user-selectable feature allows the contact status to be maintained unchanged through power-cycle and loss-of-optical-power. A reset button is available to clear all contact status to the default state. A set of 8 LEDs on the transmitter and the receiver units indicates the channel(s) status. These systems require no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. **The "Afinety" intelligent remote monitoring system is available on the Rack Card product, please consult factory.**

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.



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