## 8889SL
### SELECTA-CODE
# SERIES
### SINGLEMODE

**AFI**
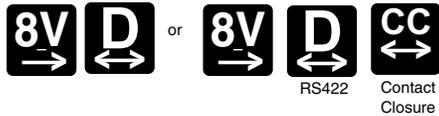
# Single Fiber Eight Channel FM Video with Bi-directional RS485 or RS422 and Contact Closure

**8V** **D** or **8V** **D** **CC**
RS422  Contact Closure

## FEATURES:

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Data, Power and Optical Presence
- Switch Selectable 2 Wire or 4 Wire RS485
- Switch Selectable RS485 or (1) RS422 and (1) Contact Closure
- Full Color Transmission
- Real Time Video Transmission
- Compatible with 500 Series Audio/Data Modulators & Demodulators
- PFM Transmission
- Wall or Rack Mount

## SPECIFICATIONS:

**Video:**

| | |
|---|---|
| **I/O Level** | 1 Vpp |
| **I/O Impedance** | 75 Ohms |
| **Bandwidth** | 10 MHz |
| **Differential Gain** | 5 % |
| **Differential Phase** | 3 ° |
| **SNR** | 55 dB |
| **Connector** | BNC |

**Data:**

| | |
|---|---|
| **Data Rate** | up to 50 Kbps |
| **Data Connector** | 8 Pin Screw Terminal |

**Contact Closure:**

| | |
|---|---|
| **Input** | Switch Closure to Ground |
| **Output** | Dry Contact |
| **Response Time** | 2 ms |
| **Connector** | 8 Pin Screw Terminal |

**Optical:**

| | |
|---|---|
| **Wavelength** | 1300/1550 nm |
| **Loss Budget (9/125µ):** | 12dB |
| **Connector** | FC/PC |

**Temperature (Operating):**
-40°C to +75°C, non-condensing

**Power Supply:**
Universal Power Input
85 to 264 VAC, 47 to 63 Hz
40 Watts Max.

**Size:**
1RU High, 19" Wide, 12" Deep

## ORDERING INFORMATION:

MTX = Video/Data/CC Transmitter/Data/CC Receiver

MRX = Video/Data/CC Receiver/Data/CC Transmitter



The American Fibertek 8889SL Series transmits eight channels of high-quality video with bi-directional Contact Closure and return AD/Bosch Code on a singlemode optical fiber. Included in the circuit design is a switch selectable 2 or 4 wire configuration and the ability to select data line termination. Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. In addition, two sub-carriers can be added to each video channel using the 500 Series modulators and demodulators. Equipment may be mounted as stand alone modules or rack units by the position of the mounting brackets.

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