FOSTCDRI

Industrial Serial to Multimode Fiber Converter

- Data Rates up to 115.2 kbps
- 10 – 48 VDC Input Power Range
- Wide Operating Temperature
- 3-Way 2000V Optical Isolation
- MODBUS ASCII/RTU Compatible
- EMI / RFI Protection
- UL Class 1 DIV 2
- Built-in, Switchable Termination & Bias

The FOSTCDRI is our premium Industrial Serial to Multimode Fiber Optic Converter. Designed for rugged industrial environments, it is UL approved and certified for use in Class 1 Division 2 environments. In addition to direct point-to-point connectivity, it is capable of operating in a multi-drop mode. This allows one serial device to communicate with up to 31 others around a fiber ring. Since it supports mixed standards, you can replace other converters and isolators and add the EMI / RFI protection inherent to fiber optic communications.

In RS-232 mode, the converter supports transmit and receive data. Handshaking signals are not passed through. An Automatic Send Data Control circuit controls the RS-422/485 driver chip, eliminating the requirement for external software. Easy to install and configure, it has a 12 position DIP Switch on the bottom to configure RS-422/485 parameters. The serial data and power cables connect to removable terminal blocks. ST connectors are used for the fiber. Remember, when it comes to reliable communications in harsh duty industrial environments, B&B Electronics ILinx™ brand is your number one choice.
<table>
<thead>
<tr>
<th>Baud Rate</th>
<th>RS-232</th>
<th>RS-422/485</th>
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<tbody>
<tr>
<td>19.2 kbps and lower</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>38.4 kbps</td>
<td>16</td>
<td>24</td>
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<tr>
<td>115.2 kbps</td>
<td>2</td>
<td>8</td>
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