The OM-CONV-SER is an RS485 half-duplex to RS232 converter. It is powered from the computer's serial (COM) port so no external power is required.

This unit is small in size, has a long transmission distance, can handle high data rates, is very stable in performance and connects to a standard DB9 serial (COM) port.

The converter can be used in a wide range of applications including industrial automatic control and measuring systems and PLC applications.

**RS485 to RS232 Interface Converter**

**Specifications**
- **Interface:** Compatible with EIA/TIA RS-232C and RS485 standards
- **Data Rate:** Up to 115,200 BPS
- **Transmission Distance:** 1200 m (4000') on RS485 side; 5 m (15') on RS232 side
- **RS-232 DB9F Pin Assignments (DCE):** Pin 1 (DCD), Pin 2 (TD), Pin 3 (RD), Pin 4 (DTR), Pin 5 (GND), Pin 6 (DSR), Pin 7 (RTS), Pin 8 (CTS)
- **RS-485 DB9F Pin Assignments:** Pin 2 (RS485-), Pin 7 (RS485+), Pin 5 (GND); mating screw terminal block included for RS485 connections
- **Operating Ambient:** 0 to 50°C (32 to 122°F), 5 to 95% RH non-condensing
- **Dimensions:** 62 L x 32 W x 16 mm D (2.4 x 1.3 x 0.6"")

**To Order**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OM-CONV-SER</td>
<td>RS485 to RS232 interface converter</td>
</tr>
</tbody>
</table>