**SERIES 660**

Wiring - Mini-Hirschmann connector

<table>
<thead>
<tr>
<th>Connection Type (Code)</th>
<th>+ Supply</th>
<th>Common</th>
<th>+ Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini-Hirschmann (7)</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>M12 x 1, 4-pin (12)</td>
<td>1</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Integral Cable (36)</td>
<td>Brown</td>
<td>Green</td>
<td></td>
</tr>
</tbody>
</table>

**Load Limitations**
4 mA to 20 mA Output Only

**Series 660**

4 mA to 20 mA, 2 wire

**Series 660**

1-5 Vdc, 0.1-10 Vdc

**Series 800**

4 mA to 20 mA

**Series 800**

0 Vdc to 10 Vdc, 3 wire

**Installation:**
NOSHOK pressure transmitters/transducers may be mounted in any plane with negligible effect on performance. Although these units are designed and manufactured to withstand substantial shock and vibration, it is recommended that they be mounted in an area of minimal vibration. Always use a wrench on the wrench flats when installing. NEVER use a pipe wrench on the housing or in the area of the electrical connection.

**Maintenance/Calibration:**
NOSHOK pressure transmitters/transducers require no maintenance. Recalibration is dependent on the user’s Quality Assurance Program. If no program is in place, NOSHOK recommends a 1 year cycle.

**Alignment Procedure (applies only to 100, 200, 615/616, and 640 series):**
Using a pressure source and meter with adequate accuracy, perform the following steps:

1. Open sensor
2. With no pressure applied, adjust the “Z” potentiometer for the correct Zero output
3. Apply the correct full scale pressure to the unit
4. Adjust the “S” potentiometer for the correct Span output

**NWD 08-7**

**Series 800**

4 mA to 20 mA

**Series 800**

0-10 Vdc

**Series 660**

4 mA to 20 mA

**Series 660**

0 Vdc to 10 Vdc

**Series 660**

1-5 Vdc, 0.1-10 Vdc

**Series 800**

4 mA to 20 mA Output Only

**Series 800**

0 Vdc to 10 Vdc Output Only

**Series 800**

4 mA to 20 mA Output Only

**Series 800**

0-10 Vdc

**Series 800**

1-5 Vdc, 0.1-10 Vdc

**Series 660**

4 mA to 20 mA

**Series 660**

0 Vdc to 10 Vdc