WARNING: To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.

If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call Technical Support at 770-844-4200.

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Hot-Swapping Information

Note: This device cannot be Hot Swapped.
### Module Installation

1. **To Install, remove Connector Cover**
   - Align expansion connectors, insert, and listen for “Click” as the lock engages.

2. **To remove, depress disengagement plungers at top and bottom of module**

### I/O Wiring

#### Terminal Block Input Wiring

**INTERNAL MODULE CIRCUITRY**

<table>
<thead>
<tr>
<th>CH0 T/C INPUT</th>
<th>CH1 T/C INPUT</th>
<th>CH2 T/C INPUT</th>
<th>CH3 T/C INPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC0+</td>
<td>TC1+</td>
<td>TC2+</td>
<td>TC3+</td>
</tr>
<tr>
<td>TC0-</td>
<td>TC1-</td>
<td>TC2-</td>
<td>TC3-</td>
</tr>
</tbody>
</table>

**I/O Wiring**

#### Thermocouple Input Circuits

- **Ungrounded/Shielded Thermocouple**
  - TCn+
  - TCn-
  - WX

- **Grounded/Shielded Thermocouple**
  - TCn+
  - TCn-
  - WX

- **Infrared Thermocouple**
  - TCn+
  - TCn-
  - WX

**NOTE:** Thermocouple extension wire and proper thermocouple terminal blocks must be used to extend thermocouples. AutomationDirect thermocouple wire is recommended.

### Dimensional Information

- **2X Ø #8 Thru all**
- **2.25” [57.15mm]**
- **4.57” [116.2mm]**
- **4.24” [107.8mm]**
- **1.08” [27.5mm]**
- **1.00” [25.4mm]**

**I/O Wiring**

#### Analog Voltage Input Circuits

- **4-wire Voltage Transmitter**
  - TCn+
  - TCn-
  - WX
  - AC or DC
  - Transmitter Power Supply

- **Load Cell or Strain Gauge**
  - TCn+
  - TCn-
  - WX
  - AC or DC
  - Excitation Power Supply

- **Voltage Divider**
  - TCn+
  - TCn-
  - TCn+
  - TCn-
  - WX
  - For maximum accuracy: Jumper unused inputs.

**NOTE:** Shield should be connected only at one end, to ground at the source device.