The MT1-8 is an eight-input module that connects to the RS-485 bus of the Multi-tenant Gateway. It occupies one address on the bus and provides eight independent loop zones.

### Installation/configuration notes

**Wiring Considerations**

**RS-485 Bus Wiring**

Use 1.0 mm (17 AWG) minimum shielded, twisted-pair wiring for the RS-485 bus connections. The RS-485 bus has a maximum length of 1200 m (3900 ft) from the MTGW to the last device. If the MT1-8 is the last device on the RS-485 bus, install a 120 Ω EOL resistor in parallel between the two RS-485 bus wires.

**Device Wiring**

Use wiring as specified by the devices installation instructions. Terminate each sensor loop with a 47 kΩ EOL resistor.

### Parts included

<table>
<thead>
<tr>
<th>Quant.</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MT1-8 Eight-zone Input Module</td>
</tr>
<tr>
<td>8</td>
<td>47 kΩ EOL resistors</td>
</tr>
<tr>
<td>1</td>
<td>Literature, Installation Guide</td>
</tr>
</tbody>
</table>

### Technical specifications

**Electrical**

- Voltage: 8 VDC to 15 VDC
- Current: Alarm: 75 mA; Standby: 15 mA

**Environmental**

- Environmental Protection: DIN IEC 721-3-3, Class 1; For indoor use
- Relative Humidity: 90% maximum, non-condensing
- Temperature (operating): -10°C to +50°C (+14°F to +122°F)
- Temperature (storage): -10°C to +55°C (+14°F to +131°F)

**Mechanical**

- Dimensions: 152 mm x 95 mm x 35 mm (6.0 in. x 3.75 in. x 1.4 in.)

### Ordering information

**MT1-8 Eight-zone Input Module**

Provides eight independent loop zones on the RS-485 bus to and from the Multi-tenant Gateway

Order number **MT1-8**