The Series S2-2 General Purpose Surface Temperature Assembly is ideal for monitoring the temperature of indoor distribution lines when it is not possible to penetrate the pipe. The plastic housing is in the shape of a standard junction box with multiple knockouts for easy conduit access. The strap-on connection quickly wraps around a pipe and can be securely tightened using a flat head screwdriver. The Series S2-2 can be ordered with a choice of 11 output options that allow it to communicate to any standard building control system.

### SPECIFICATIONS

**Accuracy:**
- Platinum RTD: ±0.6% @ 32°F (0°C);
- Nickel RTD: ±0.5°F @ 32°F (0°C);
- Balco RTD: ±0.1% @ 32°F (0°C);
- Thermistors: ±0.36°F from 32 to 158°F (0 to 70°C).

**Operating Temperature:** -32 to 240°F (-35.5 to 115.5°C).

**Probe Material:** Copper conductor.

**Mounting:** Strap-on to pipe (fits 2 to 5” pipe sizes).

### Specifications Table

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2-23</td>
<td>Ni 1000 Ω RTD</td>
</tr>
<tr>
<td>S2-24</td>
<td>Balco 1000 Ω RTD</td>
</tr>
<tr>
<td>S2-27</td>
<td>5K Ω Thermistor</td>
</tr>
<tr>
<td>S2-28</td>
<td>100K Ω Thermistor</td>
</tr>
<tr>
<td>S2-2A</td>
<td>2252 Ω Thermistor</td>
</tr>
</tbody>
</table>

The Series S2-4 Weatherproof Surface Temperature Assembly is ideal for monitoring the temperature of distribution lines when it is not possible to penetrate the pipe. The strap-on connection quickly wraps around a pipe and can be securely tightened using a flat head screwdriver. The twist-off housing cover reduces installation time. The housing has multiple knockout conduit holes which allows the installer to bring conduit to any side of the housing. The Series S2-4 can be ordered with a choice of 11 output options that allow it to communicate to any standard building control system.

### SPECIFICATIONS

**Accuracy:**
- Platinum RTD: ±0.6% @ 32°F (0°C);
- Nickel RTD: ±0.5°F @ 32°F (0°C);
- Balco RTD: ±0.1% @ 32°F (0°C);
- Thermistors: ±0.36°F from 32 to 158°F (0 to 70°C).

**Operating Temperature:** -32 to 240°F (-35.5 to 115.5°C).

**Probe Material:** Copper conductor.

**Mounting:** Strap-on to pipe (fits 2 to 5” pipe sizes).

### Enclosure Rating:
NEMA 4X (IP66).