**Annunciator/Alarm Modules**

**PROCESS CONTROL**

DWYER INSTRUMENTS, INC. | www.dwyer-inst.com

**Series TID**

**Temperature/Process Indicator**

Low Cost, 3-Digit Display, 1% Accuracy

---

**SPECIFICATIONS**

**Range:** -58 to 302°F (thermistor); -999 to 999 counts (4 to 20 mA).

**Input:** PTC/NTC thermistor or 4 to 20 mA.

**Power Requirements:** 110 VAC, 230 VAC, 24 VAC/DC.

**Accuracy:** Better than 1%.

**Display:** 3-digits; red, green or blue display.

**Resolution:** 1° or 0.1 count.

**Front Panel Rating:** IP64 (NEMA 3R).

**Weight:** 2.3 oz (65 g).

**Agency Approvals:** CE, cUR, UR.

**The affordable Series TID allows user to monitor temperature or a process value. Temperature ranges are available from -58 to 302°F using one of our PTC or NTC thermistors. Process values can be displayed from -999 to 999 counts using a 4 to 20 mA from one of our various transmitters. The process indicator has an adjustable span and zero.**

---

**Model** | **Units** | **Input** | **Supply Power** | **Price**
--- | --- | --- | --- | ---
TID-1110 | °F | PTC thermistor | 110 VAC | $38.50
TID-1120 | °C | PTC thermistor | 110 VAC | $38.50
TID-1410 | °F | PTC thermistor | 24 VAC/DC | $38.50
TID-3100 | None | 4 to 20 mA | 110 VAC | $45.00
TID-3200 | None | 4 to 20 mA | 230 VAC | $45.00
TID-3400 | None | 4 to 20 mA | 24 VAC/DC | $45.00

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS-5</td>
<td>PTC thermistor probe PVC (5’ cable)</td>
<td>$6.00</td>
</tr>
<tr>
<td>TS-51</td>
<td>PTC thermistor probe PVC (10’ cable)</td>
<td>$8.50</td>
</tr>
<tr>
<td>TS-6</td>
<td>PTC thermistor probe metal (5’ cable)</td>
<td>$7.00</td>
</tr>
<tr>
<td>TS-61</td>
<td>PTC thermistor probe metal (10’ cable)</td>
<td>$9.50</td>
</tr>
</tbody>
</table>

---

**Series AN2**

**Indicating Alarm Annunciator**

Up to 8 Inputs, Integral Power Supply

---

**SPECIFICATIONS**

**Inputs:** NO or NC switches, open collector transistor (open circuit voltage = 3.3 VDC). Logic levels: LO = 0 to 0.9 VDC, HI = 2.4 to 28 VDC (100 KΩ input impedance).

**Outputs:** Two SPDT relay (3 A @ 250 VAC or 30 VDC, resistive; 1/14 HP @ 125/250 VAC, inductive).

**Temperature Limits:** -40 to 149°F (-40 to 65°C).

**Power Requirements:** 85 to 265 VAC 50/60 Hz, 90 to 265 VDC; 12 to 36 VDC, 12 to 24 VAC (depending on model).

**Power Consumption:** 20 W (6 W on low voltage models).

**Mounting:** 1/8 DIN.

**Housing Material:** UL rated 94V-0 high impact plastic.

**Enclosure Rating:** NEMA 4X (IP66) front panel.

**Weight:** 9.6 oz (272 g).

**Agency Approvals:** CE, UL.

---

**Items are net priced and are not subject to any discount.**

---

**The Series AN2 Indicating Alarm Annunciator provides visible and audible alarms for up to eight inputs. The annunciator also has two SPDT relay outputs that can be used to initiate external alarms, buzzers, or paging devices. The Integral 24 VDC power supply can power most level, temperature, pressure, and flow switches. Audible alarm conditions can be acknowledged, reset, or silenced either via the front panel push buttons or the rear terminal block. The Series AN2 can be set to any common ISA sequences including First-Out.**

---

**Model** | **Number of Outputs** | **Power Supply** | **Price**
--- | --- | --- | ---
AN24-1 | 4 | 85 to 265 VAC | $249.00
AN24-2 | 4 | 12 to 36 VDC | $335.00
AN28-1 | 8 | 85 to 265 VAC | $335.00
AN28-2 | 8 | 12 to 36 VDC | $415.00

---

**Items are net priced and are not subject to any discount.**