WATER LEAK DETECTORS

The SERIES WD3 Water Leak Detectors protect equipment from water damage by detecting the presence of water. Model WD3-BP-D1-A is battery powered, all other is requires AC or DC supply voltages.

**FEATURES/BENEFITS**
- Audible and visual alerts provide local indication of the alarm condition and internal switch will give remote indication or control to prevent further buildup of water.
- Sensing height can be adjusted as low as 3/32” (0.79 mm) using the included adjustable mounting bracket.
- Mounting bracket can attach to any flat surface by either using the attached adhesive strips or mounting screws for easy installation.

**APPLICATIONS**
- Multiple tapes can be connected together to extend the coverage area.
- Hydrophobic tape does not absorb any liquid allowing for faster drying time and
- Sturdy and reliable aluminum enclosure.

**SPECIFICATIONS**
- Service: Water or conductive fluids.
- Minimum Sensing Gap: 3/32”.
- Switch Type: Battery powered model: SPST NO SSR; External powered models: DPDT relay.
- Electrical Ratings: Battery powered model: Pilot duty rating 250 mA @ 24 VDC; External powered models: 1 A @ 24 VAC/VDC.
- Audible Alarm: At least 85 dB @ 1’ distance (depends on model).
- Visual Alarm: Red LED for water level; Yellow LED for low battery (battery powered model only); Green LED for power condition (external powered models only).
- Temperature Limits: 32 to 122°F (0 to 50°C).
- Power Requirements: Battery powered model: CR2450 lithium metal battery, installed functional, user replaceable; External powered models: 24 VAC/VDC.
- Battery Life: 5 years steady state / 48 hours during alarm condition.
- Power Consumption: Battery powered model: 0.9 mA steady state / 3.0 mA during alarm condition; External powered models: 30 mA steady state / 85 mA during alarm condition.
- Battery Life: 5 years steady state / 48 hours during alarm condition.
- Electrical Connections: 4.9” (1.5 m), 22 AWG, PVC, UL plenum rated cable.
- Enclosure Material: ABS and polycarbonate with flammability classification UL 94 V-0.
- Enclosure Rating: Audible alarm models: Watertight up to 3/4 of the body height; Non-audible alarm models: NEMA 6P (IP 68) submersible.
- Weight: 4.85 oz (137.5 g).
- Agency Approvals: CE, RoHS.

**ACCESSORIES**

---

WATER DETECTOR AND SENSOR TAPE

Dwyrer Instruments, Inc.

The SERIES WD Water Detectors and Sensor Tapes is designed for dependable detection of water presence even of low conductive liquids. The water sensing tape attaches to module and if any liquid comes in contact with the tape the resistance is changed and the alarm will be triggered. The sensing tape is 1” wide and can be bought in lengths of 5, 10, 15 and 25’ and is powered by 24 VAC or 24 to 30 VDC.

**FEATURES/BENEFITS**
- Sturdy and reliable aluminum enclosure
- Hydrophobic tape does not absorb any liquid allowing for faster drying time and faster return to service after water leak
- Multiple tapes can be connected together to extend the coverage area

**APPLICATIONS**
- Drip pans under HVAC equipment
- Computer rooms
- Telecommunication facilities
- Leak detection around water pumps

**SPECIFICATIONS**
- Service: Conductive liquid.
- Switch Type: DPDT.
- Electrical Rating: 1 A @ 24 VAC/VDC.
- Power Requirements: 24 VAC, 24 to 30 VDC.
- Power Consumption: 35 mA maximum.
- Electrical Connections: Screw terminals.
- Conduit Connections: Hole for 1/2” conduit.
- Enclosure: Extruded aluminum.
- Sensor Tape: 1” (25.4 mm) wide and 5’, 10’, 15’ or 25’ long.
- Weight: 8 oz (.23 kg).

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WD</td>
<td>Water module</td>
</tr>
<tr>
<td>TP05</td>
<td>5’ (1.52 m) tape</td>
</tr>
<tr>
<td>TP10</td>
<td>10’ (3.05 m) tape</td>
</tr>
<tr>
<td>TP15</td>
<td>15’ (4.57 m) tape</td>
</tr>
<tr>
<td>TP25</td>
<td>25’ (7.62 m) tape</td>
</tr>
</tbody>
</table>

---

WATER LEAK DETECTOR

Battery or External Powered, SPST or DPDT Relays

WATER LEAK DETECTOR

Battery or External Powered, SPST or DPDT Relays

SERIES WD | W.E. ANDERSON® BY DWYER

Dwyrer Instruments, Inc.