Series WD3 Water Leak Detectors

**APPLICATIONS**
- AHU drip pans
- Radiant floors
- Data centers
- Sump pumps
- Drains
- Drip pans under HVAC equipment
- Telecommunication facilities
- Leak detection around water pumps

**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 1/32” (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

**SPECIFICATIONS**
- Service: Water or conductive fluids.
- Minimum Sensing Gap: 1/32”.
- 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/DC.
- 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: 3V CR2450 lithium metal battery, installed functional, user replaceable; External powered models: 24 VAC (±10%) or 11 to 27 VDC.
- 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: 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.

**ACCESSORIES**
- Replacement mounting bracket

**SERIES WD | W.E. ANDERSON**

**WATER DETECTOR AND SENSOR TAPE**

**APPLICATIONS**
- Drips or mounting screws for easy installation
- Mounting bracket can attach to any flat surface by either using the attached adhesive strips or mounting screws for easy installation

**SPECIFICATIONS**
- Service: Conductive liquid.
- Switch Type: DPDT.
- Electrical Rating: 1 A @ 24 VAC/DC.
- Power Requirements: 24 VAC, 24 to 30 VDC.
- Power Consumption: 35 mA maximum.
- Electrical Connections: Screw terminals.

**ACCESSORIES**
- Replacement mounting bracket

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WD3-BP-D1-A</td>
<td>SPST NO SSR</td>
</tr>
<tr>
<td>WD3-LP-D2</td>
<td>DPDT relay</td>
</tr>
<tr>
<td>WD3-LP-D2-A</td>
<td>24 VAC (±10%) or 11 to 27 VDC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-WD3-BRK</td>
<td>Replacement mounting bracket</td>
</tr>
</tbody>
</table>

**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>