WATER LEAK DETECTORS
Battery or External Powered, SPST or DPDT Relays

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 others require 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 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

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

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 11-27 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
Model Description
A-WD3-BRK Replacement mounting bracket

SERIES WD | W.E. ANDERSON™ BY DWYER
WATER DETECTOR AND SENSOR TAPE
Detects Low Levels Of Conductive Liquids, Large Measuring Area

The Series WD Water Detector and Sensor Tape 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 changes 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 24-30 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
- Drains
- Sump pumps
- Data centers
- Radiant floors

SPECIFICATIONS
Service: Conductive liquid.
Switch Type: DPDT.
Electrical Rating: 1 A @ 24 VAC/DC.
Power Requirements: 24 VAC, 24-30 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
Model Description
WD Water module
TP05 5´ (1.52 m) tape
TP10 10´ (3.05 m) tape
TP15 15´ (4.57 m) tape
TP25 25´ (7.62 m) tape