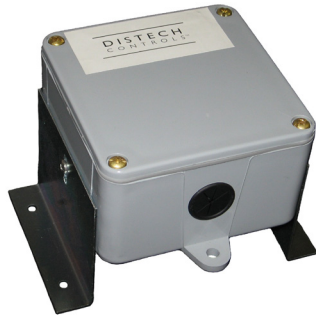




FS-WD Series

Water Detectors



Overview

The FS-WD Series of fluid sensors are micro-chip-based devices that use gold-plated sensing probes to detect the presence of water or other conductive liquids. It is designed to signal an alarm if one or more of three conditions are met: water is detected, power is lost to the unit, or if there is an internal failure providing the highest level of water detection confidence.

Applications

- Water leak detection
- Drain pans
- Computer rooms

Features & Benefits

- Fail safe circuitry
- Reverse acting contacts
- Reverse voltage protection
- 24V AC/DC power supply is standard
- RFI / EMI noise immunity

Model Selection

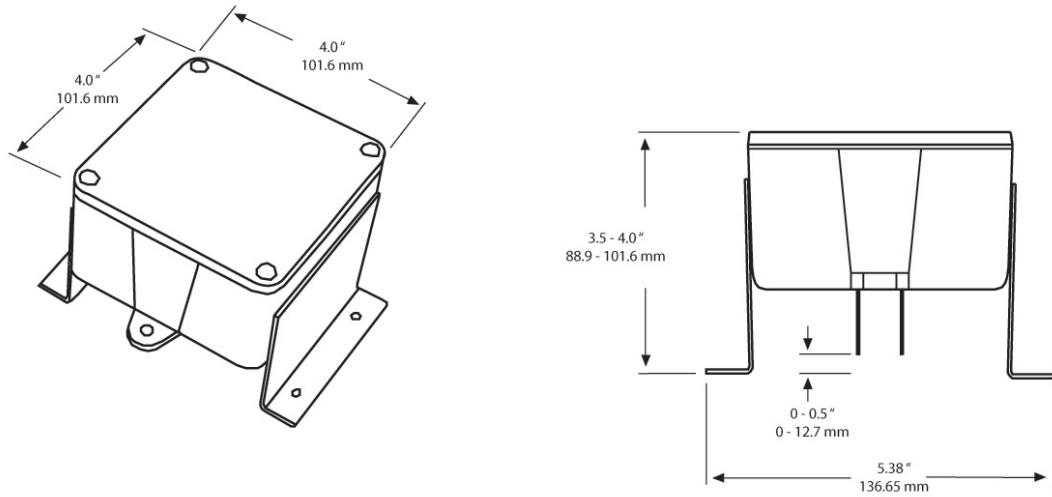
| | |
|-----------|--|
| FS-WD | Water detector (stand alone) |
| FS-WDP005 | Water detector c/w 5' remote probe option |
| FS-WDC005 | Water detector c/w 5' moisture sensing cable |
| FS-WDC010 | Water detector c/w 10' moisture sensing cable |
| FS-WDC025 | Water detector c/w 25' moisture sensing cable |
| FS-WDC050 | Water detector c/w 50' moisture sensing cable |
| FS-WDC100 | Water detector c/w 100' moisture sensing cable |

Product Specifications

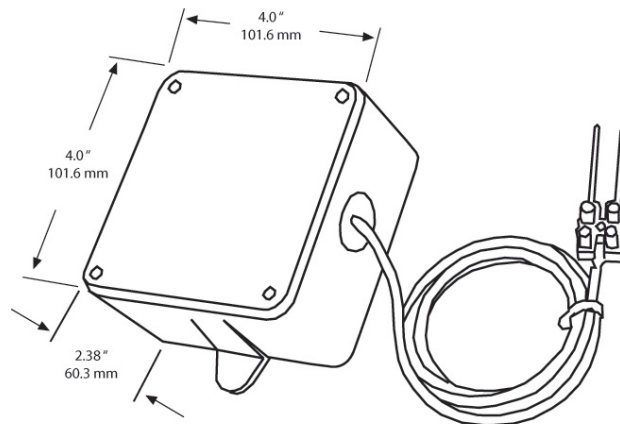
| | |
|--|---|
| Operating Temperature | 0°C to 70°C; 32°F to 158°F |
| Storage Temperature | 0°C to 70°C; 32°F to 158°F |
| Relative Humidity | 10 to 90% Non-condensing |
| Enclosure Material: | |
| <input type="checkbox"/> FS-WD/FS-WDP005 | PVC |
| <input type="checkbox"/> FS-WDCXXX | ABS |
| Color | Grey |
| Shipping Weight: | |
| <input type="checkbox"/> FS-WD | 1.15lbs (0.523kg) |
| <input type="checkbox"/> FS-WDP005 | 0.85lbs (0.386kg) |
| <input type="checkbox"/> FS-WDC005 | 0.50lbs (0.2273kg) |
| <input type="checkbox"/> FS-WDC010 | 0.65lbs (0.2955kg) |
| <input type="checkbox"/> FS-WDC025 | 1.10lbs (0.500kg) |
| <input type="checkbox"/> FS-WDC050 | 1.85lbs (0.8409kg) |
| <input type="checkbox"/> FS-WDC100 | 3.35lbs (1.52kg) |
| Wiring Connections | Screw terminal block (14 to 22 AWG) |
| Electrical: | |
| <input type="checkbox"/> Input Power | 14 to 30Vac/Vdc |
| <input type="checkbox"/> Current Consumption | 60mA maximum @ 24Vdc (No water) |
| <input type="checkbox"/> Relay Output Type | Form C – Norm. open & Norm. closed contacts |
| <input type="checkbox"/> Relay Contact Ratings | 5A @ 120Vac / 30Vdc (Resistive Load) |
| Fluid Detection: | |
| <input type="checkbox"/> Fluids Detected | City water, sea water, copper sulfate solution, weak acid, weak base, household ammonia, water & glycol mixture, wet soil, coffee |
| <input type="checkbox"/> Fluids Not Detected | Pure water, gasoline, oil, brake fluid, alcohol, ethylene glycol, paraffin, dry soil, whiskey |
| Electromagnetic Compatibility | CE |
| Agency Approvals | UL, CUL |
| Material ¹ | UL94-VB |

1. All materials and manufacturing processes comply with the RoHS directive

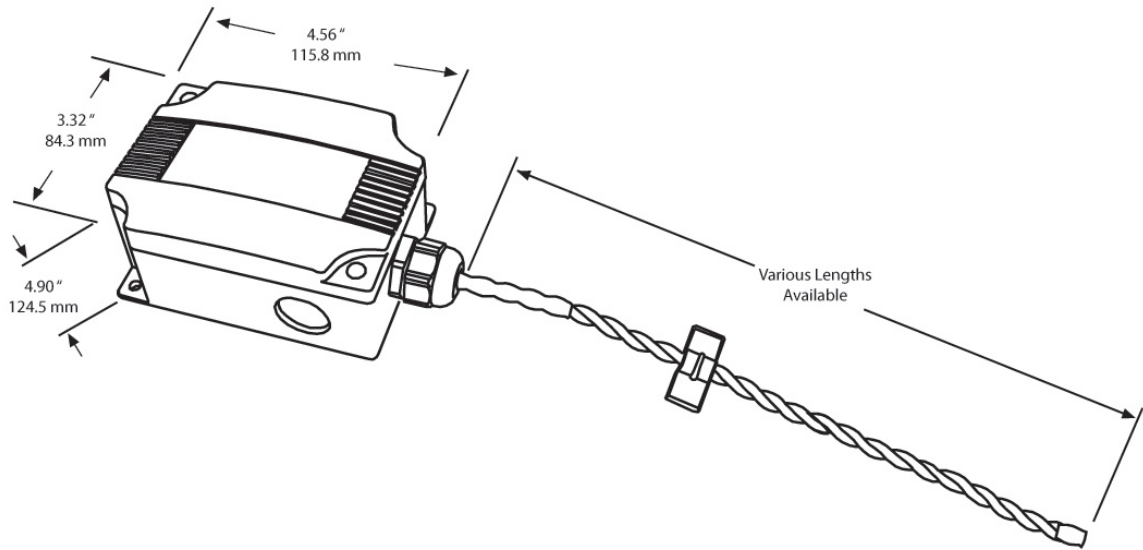
FS-WD



FS-WDP005



FS-WDCXXX



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