PANDUIT ®

specifications

The contact-type water sensor will detect the presence of water in precise areas within a room or data center. The water sensor will be installed as part of a primary/secondary topology, where the captured data is transmitted to, and retained within, a connected gateway device. This data can be used to display the baseline operational status through the connected gateway web interface or through the SmartZone™ Software platform.

technical information

Dimensions:	White plastic enclosure 2.4" x .47" (63mm x 12mm)
Standard cable length:	2m terminating in RJ45

key features and benefits

Water monitoring	Senses water at a single point such as drip pans, floor drains or where water tends to converge in confined areas within a data center or facility as part of a comprehensive environmental monitoring system
RJ45 connection	Utilizes an RJ45 socket to allow standard patch cable connection to a SmartZone™ Gateway port, avoiding time delays during deployment
Gateway-hosted IP address	Connects to a SmartZone™ Gateway device that captures sensor and other device data through one single Gateway IP address, reducing the need for separate IP ports, IP capital costs, and management overhead. No Setup required; the Gateway will automatically recognise this as a water sensor and auto-configure itself
Versatile mounting	Offers versatile mounting options to accommodate easy indoor only deployment below a rack or cabinet in a data center
SmartZone™ Software Suite integration	Captures environmental data that is consolidated by connected gateways and then utilized by SmartZone™ Software for real-time monitoring, alerting, management, and automated documentation

applications

The SmartZone™ Water Sensor (Contact Type), detects the presence of water, leaks, flooding, and condensation, commonly caused by faulty or badly commissioned air conditioning equipment at different IT and facility domain points, in either new or retrofit installations.

The contact-type water sensor monitors specific locations for the presence of water and sends out alerts before substantial damage is done to electronics or surrounding materials. The water sensor detects water at a single point and is often used in areas like drip pans, floor drains, or where water tends to converge in confined areas. The water sensor connects directly to SmartZone™ Gateways via a supplied standard network patch cable and transmits real-time environmental information through the gateway platforms. SmartZone™ Software provides alerts and notification of exceeded thresholds to quickly identify and resolve issues, and automate the collection of real-time, accurate and actionable information.

The contact-type water sensor is designed for indoor only mounting below a rack or cabinet in a data center or in precise locations within a room.
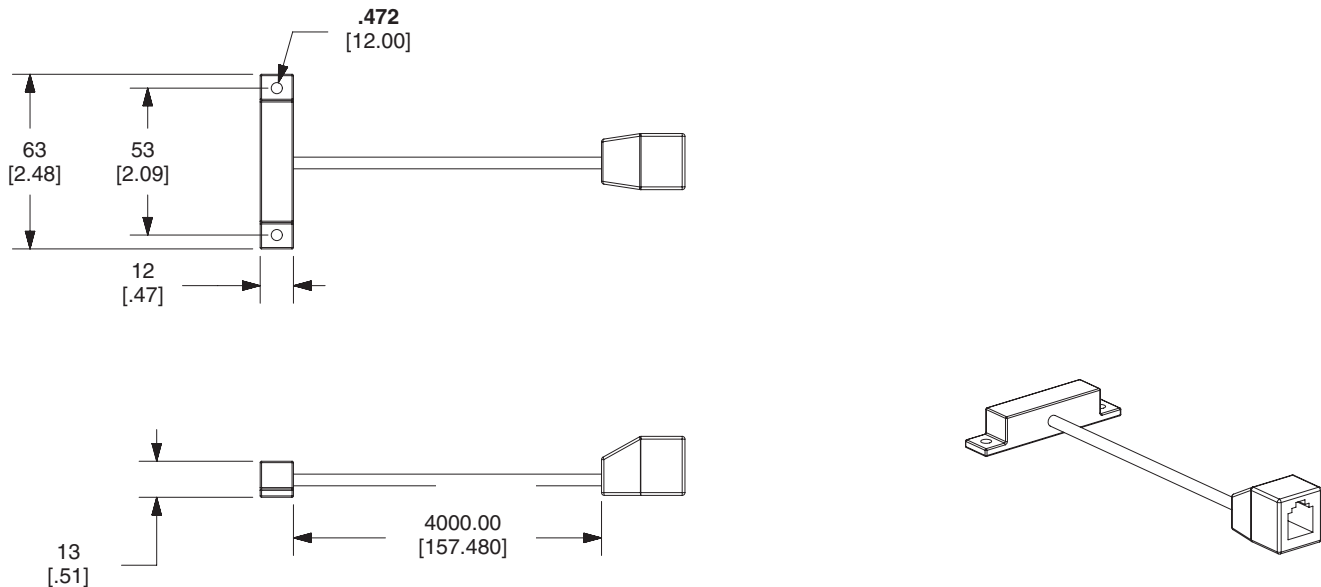
Also available is the SmartZone™ Water Sensor (Rope Type), which is designed to monitor large areas within a room or data center for the presence of water.

SmartZone™ Water Sensor (Contact Type)

technical specification

Parameters	
Liquids	Water
Electrical Connection to the Gateway	RJ45
Sensor Supply Voltage	12V DC
Switching Current Max.	10 mA
Contact Resistance mΩ type	0.5
Switching	With the presence of water
Operating Temperature	41°F to 176°F (+5°C to +80°C)
Storage Temperature	68°F to 185°F (-20° to +85°)
Case Materials	White plastic
Liquids	Water (Non-Corrosive, non-heavy oils)
Standard Cable Length	Twin core insulated 2 Meters

dimensions

part numbers

Item Number	Part Description
U-ZEWD3-05	Water Sensor (Contact Type) 2m cable
U-ZEWS-03-03	Water Sensor (Rope Type) rope length 5m, 4m cable

Dimensions are in inches. [Dimensions in brackets are metric].

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

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