Spot Water Sensor (WSxx)



Water leaks can be a disaster, causing damage and potential large monetary losses. Protect your facility and infrastructure using spot water sensors. Placed at strategic positions under raised flooring in a data center, they can be used as an early warning indicator when water may pose a threat. The Spot Water Sensor uses technology developed by AKCP to detect the presence of even de-ionised water.

Technical Specifications

Measurement Range	Wet or Dry
Sensor Type	Open/Closed contact input switch
	Patent pending, microprocessor controlled, capacitance measurement technology
	Able to measure distilled water
Measurement Rate	Multiple readings every second
Indication	LED for Status
Operating Temperature	-20 °C~60 °C 4 °F~140 °F
Interface	
Communications Cable	RJ-45 jack to sensor using UTP Cat 5 wire
Communications Cable Max. length	The Spot Water Sensor can be extended from the RJ-45 Intelligent Sensor ports on the base units up to 500 feet, or 150 meters using standard CAT5/6 LAN cable
Power Source	Powered by the controller unit. No additional power needed
	Full autosense including disconnect alarm
Power Consumption	Typical 65 mWatt, 13mA
Dimensions	55(W) x 39(H) x 27(D) mm
Mounting	Screw mounting
Important Note	AKCP does not recommend the spotWater Sensor to be placed on a conductive surface. If this is required, add the Insulation Coating P/N : WSIC to each spotWater Sensor ordered
Sensor count	1

WSxx - Technical Drawing





