



# WATER DETECTION SENSOR

Model: SP-10



Your preventive measures to water leakages

## PRODUCT OVERVIEW

PICOBOX **Water Detection Sensor (SP-10)** - the amazing **waterproof sensor** specially designed to provide early detection of water sources, prevent damage and downtime from water leaks & spills around data centers, air-conditioning units, chilled water piping, plumbing & condensate lines, clogged drains, sprinkler systems, and even building leaks.

The SP-10 water detection sensor has a visual indicator which allows it to be used as a standalone device. It can also be connected to an Environment Monitoring System where SMS/Email alert are sent when a leakage is detected.

## SMS / EMAIL ALERT



User can utilize EMS devices such as **Message Master 4000's** SMS or Email alert capabilities to monitor any water leakage before disaster happens.

Simply place SP-10 on a flat surface near or around potential water accumulation area. (Ex: air-conditioner water tray, pantry, flood prone rooms) and connect the dry contact connection to the EMS device's digital input connector. When water bridges the contacts on the base of the SP-10, an alarm is triggered which sets off the Alarm LED and opens the normally closed contact, and at the same time SMS or Email notification is sent.

## FEATURES

- Solid chrome brass construction
- Sealed, waterproof and impact resistant
- Wide DC or AC operating voltage, polarity protected
- 24V, 1A output relay contact rating
- Fail safe, normally close relay contact
- Adjustable Sensing Height
- Visual Alarm Indication
- Standard 3m cable length

## APPLICATIONS

With SP-10's LED visual indication, it can be placed even in areas which are dark or difficult to access such as below access flooring or above suspended ceilings.

### Some typical areas:

- Data Centers
- Computer / Server Rooms
- Telecommunication Companies
- Banks / Hotels
- Educational Institutions
- Pharmaceutical / Chemical Manufacturers
- Generator Rooms
- Research Laboratories
- Food and Beverages Industry
- Retail Shopping Centers
- Libraries / Museums
- Semiconductor Manufacturers
- Hospitals / Medical Laboratories
- Warehouse and Storage Areas
- Housing Estates
- Commercial Office Buildings

## SPECIFICATION

<b>Type</b>	: Spot Water Detection Probe
<b>Power</b>	: 12-24VDC or 12-24VAC
<b>Output Rating</b>	: NC Relay Dry Contact, 24V, 1A (non polarity)
<b>Sensing Height</b>	: 1mm to 6mm (Adjustable)
<b>Dimension</b>	: 24(h), 44(diameter) mm
<b>Weight</b>	: 120g
<b>Enclosure</b>	: Chrome Plated, Brass Material
<b>Cord</b>	: 4-core (2 Power, 2 Contacts), 3 meters

In the interest of product development, specifications are subject to changes without prior notice

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