

POINT SENSOR

PRODUCT DATA SHEET

Model: AT-SPC-CTR

Supports Water and Conductive liquids including PG25
Instant Leak Detection
Stainless steel base material
Ideal for Flat surfaces



Description

The AT-SPC-CTR (Point Sensors) are high-performance digital point sensors engineered for precise and reliable liquid leak detection for critical infrastructure.

Designed for integration with advanced monitoring controllers such as AtysenAT-MTP-SA-107/AT-MTP-SA-110, these sensors provide instant detection, accurate fault identification, and seamless communication with Building Management Systems (BMS).

Manufactured using superior plastic and stainless steel, built to withstand harsh industrial conditions while ensuring long operational life and minimal maintenance.

Key Features & Advantages

- **Precision Leak Detection:** Instantly detects the presence of water or conductive liquid
- **Accurate identification:** Accurate identification of cable break faults
- **Digital System Integration:** Fully compatible with ATYSEN digital panel and controllers. Seamless communication with monitoring panels.
- **Rugged Industrial Construction:** SS316 stainless steel housing. IP67 rated (dust-tight & immersion protection)
- **Reusable and Low Maintenance:** Designed for repeated use without performance degradation
- **BMS Connectivity:** Sends real-time alarms and status reports to Building Management Systems
- **High Sensitivity:** Immediate response upon contact with water or conductive liquids. Sensor drying time: < 5 seconds
- **Fast Recovery Performance:** Automatic reset within seconds after leak removal.

Typical Applications

- Drip trays
- Floors
- Flat containment areas
- Pump Skids

Mounting Options

- Direct attachment to surfaces
- Screw Mounting option available

Technical Specifications

Parameter	Specification
Brand	ATYSEN
Model	AT-SPC-CTR
Detection Type	Digital Point Sensor
Response time	Instant
Reset / drying time	< 5 seconds
Output	Relay Activation, BMS Reporting
Maintenance	Low maintenance
Controller Compatibility	Atysen AT-MTP-SA-107 / AT-MTP-SA-110
Material	Industrial grade plastic , SS316 Stainless Steel
Protection Rating	IP67
Reusability	Yes
Corrosion Resistance	Resistant to corrosion
Operating Environment	Industrial / commercial

System Capabilities

Fault Identification

- Leak Detection
- Cable Break Detection
- Communication Fault
- Common System Fault



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