

Elevate Aisle Containment Water Rope Detection Sensor



Product Overview

Protect your critical infrastructure with the Elevate Cold Aisle Water Leak Detection System, a cost-effective solution designed to monitor and detect water ingress in the cold aisle area. This system seamlessly integrates with your existing host controller, offering real-time water leak detection and rapid response.

Equipped with 5 meters of high-quality water detection rope, it provides precise closed-contact detection of water drops, alerting you immediately through an integrated alarm signal and the integrated monitoring system. The sensors fast response, low-cost operation, and easy installation make it a convenient choice for ensuring the safety and longevity of your data centre equipment.

- ✓ **Real-time Water Leak Detection:** Monitors cold aisle areas for water ingress
- ✓ **Fast Response Time:** Provides quick detection and alerts to prevent damage.
- ✓ **Easy Installation:** Simple setup with connection to host controller system.
- ✓ **Cost-Effective:** A budget-friendly solution for critical infrastructure protection.
- ✓ **Reliable Alarm System:** Built-in alarm signal for immediate response.

Product Specifications

Feature	Values
Power Supply	12VDC, 10~15VDC
Working Current	Less than 0.1Amp
Ambient Temperature	-10°C~50°C
Ambient Humidity	10%~90%RH
Number of Detection Channels	1 Channel, 2 core sensing cable
Detection Sensitivity	8 Selectable sensitivities
Response Time	2 Seconds
Relay Output	1 Channel, contact capacity 30VDC 1A
Water Type	Tap water, fire water, air conditioner water
Outline Dimension	92x37x59 mm

Product Standards

Applicable standard	Description
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states.
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.



Part Number Table

Part Number	Description
579-500-300	Elevate Cold Aisle Temperature Humidity Sensor