

Elevate Aisle Containment Temperature and Humidity Sensor



Product Overview

The Elevate Cold Aisle Temperature & Humidity Sensor is a high-precision, integrated solution designed to monitor temperature and humidity levels within cold aisle systems. Utilizing a digital integrated sensor design, this device seamlessly connects to the host controller system, providing real-time temperature and humidity data across various zones of your cold aisle infrastructure.

With an RS485 interface, the sensor is easily connected to the host controller through a double-head crystal network cable, ensuring reliable and uninterrupted data transmission. Ideal for applications in communication rooms, data centres, and warehouses, this sensor supports continuous multi-point monitoring, enabling optimal environmental control and efficiency.

Whether for managing data room environments or tracking cold aisle conditions, the Elevate sensor offers a reliable, scalable solution for temperature and humidity measurement.

✓ Suitable for various installation environments

✓ Supports integration with the monitoring system

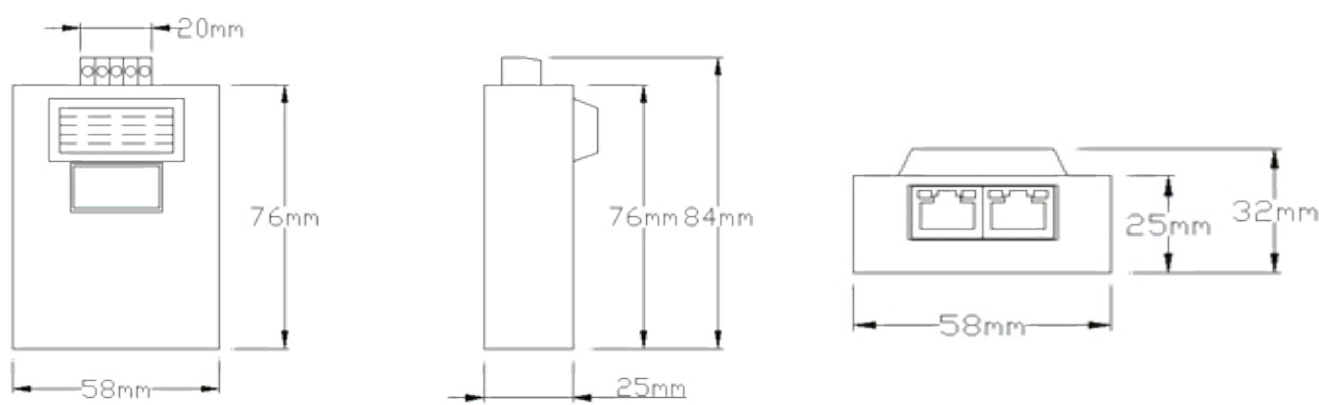
Product Specifications

Feature	Values
Power Supply	DC12V ($\pm 5\%$)
Temperature	
Accuracy	4.5% (20%~80% 25°C)
Range	0~100% RH
Humidity	
Accuracy	0.5°C (25°C)
Range	40°C~100°C

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.

Product Drawing



Part Number Table

Part Number	Description
579-550-200	Elevate Cold Aisle Temperature Humidity Sensor