

PRODUCT DATA SHEET



Aico Ei1025

Temperature, Humidity and CO2 Environmental Sensor

Manufacturer: Aico Ltd

GTIN: 5099383010572

Family: Environmental Sensors

Range: 1000 Series



DESCRIPTION

The Ei1025 temperature, humidity and CO2 environmental sensor is powered by a built in 10 year lithium battery. It connects wirelessly to the Ei1000G SmartLINK Gateway to provide actionable insights on the health of a property via the HomeLINK Dashboard and Resident App, including risk of condensation, damp and mould, air quality, dust mite allergens, cold home risk and heat loss risk.

- Gather data on indoor environmental conditions of a property
- Provides risk insights via HomeLINK Dashboard and Resident App including condensation, damp and mould, air quality, dust mite allergens, cold home risk and heat loss
- 10 year Lithium battery powered
- Suitable for wall and ceiling mounting
- Connection to Ei1000G SmartLINK Gateway required to extract data

TECHNICAL SPECIFICATION

ETIM Class: Sensor (HVAC) (EC004240)



Features

Active temperature measurement	Yes	Potentiometer with adjustment knob	No
Area of application	Immersion tube	Relative air humidity measurement	Yes
Bluetooth	No	Sensor element inside housing	Yes
Compatible with Amazon Alexa	No	Sensor element outside housing	No
Compatible with Apple HomeKit	No	Sensor type	Other
Compatible with Google Assistant	No	Standby push button	No
Degree of protection (IP rating)	IP20	Suitable for air	Yes
Display	No	Suitable for ceiling mounting	Yes
Enthalpy measurement	No	Suitable for duct mounting	No
Explosion-proof	No	Suitable for gases	No
Housing colour	White	Suitable for liquids	No
Housing depth (mm)	34	Suitable for wall mounting	Yes
Housing height (mm)	70	Supporting protocol for BACnet	No
Housing width (mm)	70	Supporting protocol for KNX	No
IFTTT support available	No	Supporting protocol for MODBUS	No
LoRa technology	No	Supporting protocol for MP (multi point)	No
Max. ambient humidity (non-condensing) (%)	95	Technology	NDIR
Measurement of absolute air humidity	No	Tolerance (%)	3
Measurement of CO2	Yes	Tube mounting possible	No
Measurement of dewpoint	No	Type of power supply	Battery
Measurement of VOC	No	Wi-Fi compatible	No
NFC (Near Field Communication)	No	Wireless	Yes
Number of output signals	0	With housing	Yes
Particulate matter measurement (PM)	No	With mounting material	Yes

FURTHER DETAILS

Product Status (at download): Active

Date Updated: 20-01-2026

Trade Tariff Commodity Code: 8531103000

Country of Origin: IE

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