

Duct Type CO₂ Transmitters

DMT.CT.1021 Series

Havkon DMT.CT series duct type CO₂ transmitters are designed for accurate and reliable carbon dioxide (CO₂) measurement in ventilation ducts and HVAC air handling systems.

Using long-life NDIR sensing technology, the device ensures stable and drift-resistant CO₂ monitoring for ventilation control and indoor air quality applications.

The transmitter features a robust IP54 enclosure with an extended 225 mm sensor probe, allowing precise measurement directly within duct airflow.

Selectable analog outputs (0–10V / 2–10V / 4–20mA) enable seamless integration into building automation systems.



Technical Specifications

Electrical Specifications	Power Supply	24 V AC/DC ±10%, 50/60 Hz
	Output Signal	Selectable 0–10V / 2–10V / 4–20mA
	Power Consumption	Max. 3 VA
Measurement Specifications	Measurement Principle	NDIR
	Measurement Range	0...2000 ppm
	Measurement Accuracy	±(40 ppm + 3% of reading)
Environmental Specifications	Operating Temperature	-10 °C to +60 °C
	Operating Humidity	0...90% RH (non-condensing)
Mechanical Specifications	Enclosure Type	Duct Mounted
	IP Protection Rating	IP54 (excluding sensor probe)
	Housing Material	Polycarbonate (PC)
	Probe Diameter	Ø20 mm
	Probe Length	225 mm
	Dimensions	100 × 80 × 40 mm

Order Codes

DMT.CT.1021	Duct Type CO ₂ Transmitter – Selectable 0–10V / 2–10V / 4–20mA Output
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