


Technical Data Sheet

Connect Edge: 3.7 Meter CO2 Probe (0 to 100% RH, -40 to 60°)

Revision A

Catalog Number and Production Model Number	
Specifications	EDGEPTSENCA003
	
Application, Rating and Electrical Data	
Application	Sensor used for monitoring Incubators
Component Type	Cable: PVC (Polyvinyl chloride); PVC shrink tubing <ul style="list-style-type: none"> Dimensions: Ø 25 mm, L: 96 mm Probe housing: PBT polymer Filter: PTFE membrane, PBT polymer grid Connector: M12, Nickel plated brass
Module and Sensor Information	
Measured CO2 Range	0 to 20% CO2
Cable Length with connector	3.7 meters
Resolution	± 0.001% CO2
Tolerance Accuracy (includes sensor adapter)	Calibrated: For conditions: 35°C, 93% RH, 1013hPa, O2 19.7% ± 0.16% CO2 (at 5% CO2) ± 0.26% CO2 (at 0 to 8% CO2) ± 0.56% CO2 (at 8 to 20% CO2) For other conditions refer to Vaisala GMP251 datasheet or contact technical support
Weight	185 g
Calibration certification	Standardized processed according to NIST and ISO/CEI 17025
Protection Index	IP65
General	
Mounting Options	Connect Edge Adapter Kits, 6-Sensor Configuration, Analog Ports
Disinfection/Cleaning	<ul style="list-style-type: none"> Clean the Sensor with a soft cloth lightly moistened with water, a detergent or isopropanol alcohol. Do not use any aggressive cleaning agents or scratching cleansers that might damage your sensor
Memory	
Sampling Rates	Once per minute
Calibration Parameters	Calibration parameters integrated into probe
Calibration Values	Calibration at 5% CO2, +23°C, 44% RH (Compensated for +37°C)
Standards and Regulations	ROHS, FCC, CE, TUV-SUD
Environmental Conditions	
Sensor Operating Conditions	-40°C to 60°C (-40°F to 140°F); 0 to 100% RH non-condensing
Country of Origin	China (cable), Finland (Sensor)
Warranty	
Sensor Warranty	1 year