



Main

Range of product	SCD
Product or component type	Sensor
Sensor model	CDXTXTH
Type of measurement	Carbon dioxide (CO2) Temperature
Device application	Duct
Location	Plant room
Sensor type	NDIR (non-dispersive infrared) carbon dioxide (CO2) 10 kOhm type 3 thermistor temperature
CO2 measurement accuracy	+/- 1.5 % of measurement range +/- 2 % of measured value
CO2 measurement range	0...2000 ppm
CO2 measurement repeatability	+/- 20 ppm +/- 1 % of measured value
Colour	Cloud white
Depth	61 mm
Height	78 mm
Probe diameter	25.4 mm
Probe length	198 mm
Width	170 mm
AWG gauge	AWG 24...AWG 14
Mounting support	Duct
Relative humidity	0...95 % RH, non-condensing
Ambient air temperature for operation	10...35 °C
Analogue output type	4...20 mA 0...5 V DC 0...10 V DC
Output type	Analog Resistive output
Product certifications	CE[RETURN]UL
Response time	Less than 60 s for 90 % step change
[Us] rated supply voltage	24 V AC 20...30 V DC
Temperature measurement accuracy	+/- 0.3 °C
Measurement temperature	0...50 °C
Range	SCD Series
Targeted region	Europe Asia Pacific.

Complementary

Material	ABS thermoplastic: enclosure
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.8 cm
Package 1 Width	18.5 cm
Package 1 Length	28.6 cm
Package 1 Weight	602.0 g

Offer Sustainability

EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes