



Main

Range of product	SCD
Product or component type	Sensor
Sensor model	CDLTXTH
Type of measurement	Carbon dioxide (CO ₂) Temperature
Device application	Duct
Location	Plant room
Sensor type	NDIR (non-dispersive infrared) carbon dioxide (CO ₂) 10 kOhm type 3 thermistor temperature
CO ₂ measurement accuracy	+/- 1.5 % of measurement range +/- 2 % of measured value
CO ₂ measurement range	0...2000 ppm
CO ₂ measurement repeatability	+/- 20 ppm +/- 1 % of measured value
CO ₂ measurement resolution	1 ppm
Colour	Cloud white
Depth	61 mm
Height	78 mm
Probe diameter	25.4 mm
Probe length	198 mm
Width	170 mm
Display size	30.5 x 14 mm
Display type	LCD
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	13.3 cm
Package 1 Width	18.6 cm
Package 1 Length	28.4 cm
Package 1 Weight	579.0 g

Offer Sustainability

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