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INDUSTRIAL PRODUCT DATASHEET

SenseCAP SOLO CO2 5000 (A1) - NDIR CO2 Sensor, MODBUS-RTU RS485 & SDI-12

This digital NDIR CO2 concentration sensor supports Modbus (Modbus-RTU/Modbus-ASCII) RS485 and SDI-12 communication protocols, built-in calibration functionality, and compact in size, making it widely applicable in...

SKU	UPDATED	PRICE
101990669	2026-11-11 10:11:07	$89.00(Excl. VAT)



Overview



This digital NDIR CO2 concentration sensor supports Modbus (Modbus-RTU/Modbus-ASCII) RS485 and SDI-12 communication protocols, built-in calibration functionality, and compact in size, making it widely applicable in greenhouses, cities, poultry farms, transportation stations, and other application scenarios where CO2 level is needed.

Key Features

01 **High performance**

high accuracy, fast response, and superior stability

02 **support MODBUS RS485 and SDI-12**

03 **Compact size, best performance-to-price ratio**

04 **User-friendly**

fully-calibrated, easy to install and integrate

05 **Wide-range Power Supply**

5V ~ 16V

06 **Wide Range & High Accuracy**

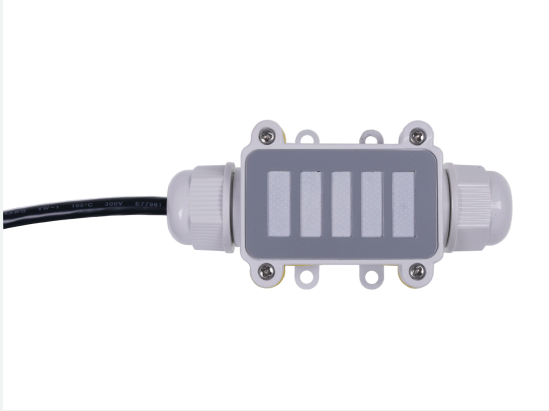
400ppm ~ 5,000 ppm, ± (50ppm+5%*MV)

Product Gallery



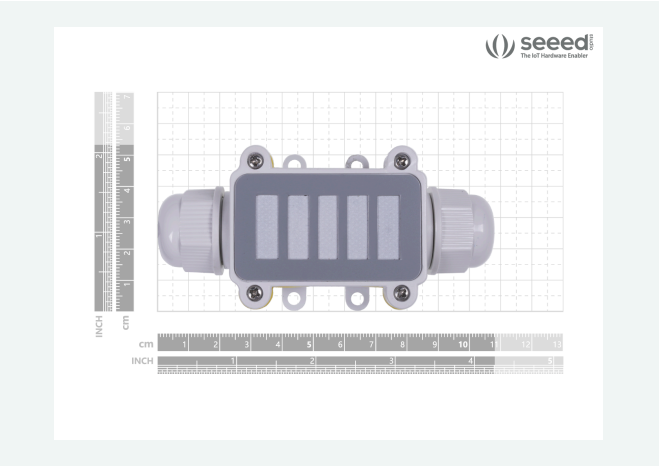












Applications

- **Smart Agriculture**
- **Smart Cities**
- **Building ventilation systems**
- **Industry ventilation systems**
- **Airport, train station, shopping mall, home, office, classroom, and others**
- **public places for air quality measurement and indication**
- **Lab, warehouse, and other places to monitor the CO2 level**

Resource Links

- https://www.seeedstudio.com/SOLO-CO2-5000-A1-p-4757.html
- SenseCAP Sensor Hub Catalog (Data Logger & Sensor Probes)
- SenseCAP SOLO CO2 5000 User Guide
- SenseCAP SOLO CO2 5000 Datasheet
- SenseCAP Document Center

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