

DOL 119 CO₂ Sensor

A robust CO₂ sensor that withstands high-pressure cleaning.



CLIMATE



Easy Integration and Reliable Measurements

A robust, waterproof CO₂ sensor designed for harsh farm environments and easy integration into your climate or farm management system.

When integrating a CO₂ sensor into your system, reliable measurements are only part of the requirement. The sensor also needs to withstand demanding farm conditions, fit your system architecture, and perform reliably throughout its lifetime.

The DOL 119 CO₂ sensor is designed specifically for poultry and pig houses, where dust, humidity, temperature fluctuations, and frequent cleaning place high demands on equipment.

Reduce Service and Replacement Issues

Sensor failures and inaccurate measurements can result in service calls, dissatisfied customers, and additional costs for both OEMs and livestock producers.

DOL 119 is IP67 protected and designed for long-term operation in harsh environments. A protection cap attached to the cable protects the sensor during high-pressure cleaning, helping reduce the risk of damage during normal farm operation and maintenance.

Reliable Measurements Where They Matter

Many CO₂ sensors are designed to be mounted on a wall. DOL 119 can be positioned inside the animal zone, allowing CO₂ levels to be measured where climate conditions matter most.

Reliable CO₂ data gives your climate control system a better basis for controlling ventilation and maintaining the required environment for the animals.

Easy to Integrate into Your System

DOL 119 can be customized to work with different climate controllers and farm management systems, making it suitable for OEMs supplying equipment across different markets and applications.

This gives you the flexibility to integrate a CO₂ sensor into your existing solution without having to redesign your system around the sensor.

Easy Replacement of DOL 19 and other CO₂ sensors

DOL 119 was developed as the next generation of the DOL 19 CO₂ sensor, with improved lifetime and environmental protection.

Existing DOL 19 and other CO₂ sensors installations can easily be upgraded to DOL 119, simplifying replacement for OEMs, installers, and end users.

Built for the Reality of Modern Farms

With robust construction, IP67 protection, high-pressure cleaning protection, reliable CO₂ measurement, and flexible system integration, DOL 119 gives OEMs a sensor designed to work as part of their solution and provide vital data on the climate in the barn.

DOL 119 comes as an iDOL 119 LoRa CO₂ Sensor which integrates with our Gateway to provide CO₂ data directly to your server via API with no need for internet in the barn.

[Learn more about DOL 119](#)

[Click the Play icon below to watch the Technical User Guide video.](#)



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