

SGX Sensortech Ammonia Gas Sensor Probe NH3-500-Probe Available at CDI

Description

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SGX, a Division of Amphenol Advanced Sensors, has introduced the Ammonia Gas Sensor Probe, part number NH3-500-Probe. In combination with the principle of coulometry, delivers a high precision ammonia gas detection technology which outputs a digital RS485 (Modbus protocol).



This product is **targeted for many livestock applications**. The ammonia concentration in the livestock industry has various negative effects on the animals and our environment. In a high ammonia concentrated environment, livestock ha higher risk of contracting a disease and the air surrounding the farm, both inside and outside can be polluted and have a pungent smell.

NH3-500- Probe offers provides many advantages, while continuously working with a high ammonia concentration.

It has a long lifetime and provides the following additional features:

- Smart measuring system
- Operates with continuous background Ammonia levels
- Combined with our intelligent algorithms, the probe adopts easily to the environment
- High accuracy and stable zero point
- Integrated pump, no calibration with NH3 gas needed
- No EMC interference
- No Temperature and Humidity impact
- 5 â€“ 12VDC Power supply, RS485 Output signal
- Stainless steel housing, water and dust proof, anti-corrosion
- The NH3 detection range is automatically adjusted to the environment concentration, from ppb to ppm levels
- Sensor automatic fault check

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Download Datasheet

Request a Quote

CDI works continuously with our vendor partners to connect our customers to products and solutions that accelerate the time to market. CDI will leverage its product knowledge, technical expertise, and evaluation tools to find the right solution for your design.

For more information, or to learn how we can help drive your success, please visit www.cdiweb.com or email us at sales@cdiweb.com.

About SGX Sensortech

For more than 50 years, **SGX Sensortech**, has remained at the forefront of air quality sensors and modules. Our innovative products have helped protected the occupants of cars from deteriorating air quality whilst driving through polluted cities, reduced the cost of air conditioning in buildings and made the work environment a safer place from flammable and toxic gas hazards. SGX Sensortech delivers high quality products, underpinned by excellent application support and customer service. Please note that all parts are shipped from the United States.

About Component Distributors, Inc. (CDI)

Component Distributors, Inc. (CDI) is a value-added distributor of high-performance LED, Power, RF & Microwave, Wireless and Sensor component technologies. CDI distributes globally and provides local application support and custo service across the Americas.

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Category

1. Ewave
2. Sensors and Wireless
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