

DOL 51 Ammonia Sensor for Air Cleaning

Measurement of remaining ammonia concentration after passage of filters on clean gas side of air cleaners.

Making sure the air cleaners run efficiently

DOL 51 measure the remaining ammonia concentration after passage of the filters on the clean gas side of the air cleaners. This data is vital to document the cleanness of the exhaust air.

Combined with data from DOL 53 on the inlet side of the air cleaner, data from DOL 51 can be used to ensure that air cleaners run as efficiently as possible at the lowest possible cost of additives.

Operates in harsh conditions

The innovative design of DOL 51 allows the sensor to operate under harsh conditions with extremely high humidity 95 % – 100 % , eg. in livestock houses. The air is funneled to the measuring inlet through a heated duct that prevents condensation. As all sensors from dol-sensors, DOL 51 is well tested and therefore has a long service life without the need for calibration.

Accurate ammonia measurements

The DOL 51 provides accurate ammonia measurements in concentrations up to 50ppm and has negligible cross sensitivity to other gasses. DOL 51 is mounted directly in the airstream without any need for tubes or pumps.

Benefits

- Accurate ammonia measurements
- Make sure air cleaners run efficiently
- Document the cleanness of the exhaust air

Advantages

- Long lifetime
- Highly reliable
- Operates in extreme humidity of 95-100 %

