

# DOL 114 Humidity and Temperature Sensor

A 2-in-1 high-precision sensor for measuring both relative humidity and temperature.

## Avoid extreme heat temperatures, livestock stress, and poor production

Temperature is without question the single most important parameter to monitor when it comes to optimum conditions in livestock production.

The DOL 114 is a high-precision sensor for measuring both relative humidity and temperature simultaneously.

It is engineered and build for livestock houses but is also well suited for several industrial applications. The sensor has the same excellent properties as the DOL 104 digital humidity sensor.

## Prevents formation of mold and ammonia

By monitoring both humidity and temperature, the DOL 114 ensures that the air is optimized for breathing and the formation of mold and ammonia is avoided.

## Accurate sensor

DOL 114 is a very accurate humidity and temperature sensor. For the 10V variant the sensor has an accuracy of + 2%RH (40 – 85 %) + 3%RH (10-95%) at 0-40°C for the humidity measurement and an accuracy of +10 °C – 40 °C: + 0.5 °C. - 30 °C – 60 °C: + 1.5 °C for the temperature measurement.

## Benefits

- Avoid extreme temperature swings in the barns, keeping a more consistent environment
- Avoid livestock stress and poor production
- Prevent ammonia and mold formation

## Advantages

- High-precision 2-1 sensor
- Available in various output versions, such as 0-5V, 0-10V and 4-20mA
- Protective cap to be used during cleaning, therefore removal is not necessary
- Highly durable and well-tested

