

# DOL 112 Temperature Sensor

## A Long-lasting Simple Temperature Sensor for Harsh Environments

### Ensure an optimum climate in livestock houses

DOL 112 is a simple cost-effective temperature sensor. The sensor comes in three different robust versions; a standard PT100 sensor, a standard PT1000 sensor and a NTC sensor.

All three sensors are designed with the high quality known from other dol-sensors' sensor solutions. Thus, DOL 112 is well suited for use in environments where a sturdy design is required, e.g. in livestock houses.

### Measure both inside and outside temperatures

The temperature sensor can operate in temperatures between -40 and 100°C and can be used for measuring both inside and outside temperatures.

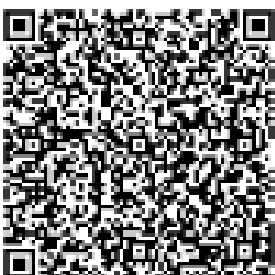
### IP 68 protected against water ingress

DOL 112 is IP 68 protected, which means that it is dust tight and has total protection against water ingress, up to and including complete submersion below one meter and for more than 30 minutes.

### Variants

- PT100 2-wire or 3 or 4-wire
- PT1000 2-wire or 3 or 4-wire
- NTC 1K or 10K 2-wire

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### Very accurate sensor

The PT100 and PT1000 sensors have an accuracy of +0.5°C and comes with a 2 or 4-wire 1.4-meter Ø5 mm cable. The NTC comes in a 1K version with an accuracy of 3% at 25°C and a 10K version with an accuracy of 1% at 25°C.

### Benefits

- Ensure an optimal climate
- Increase animal welfare
- Decrease mortality rate

### Advantages

- Simple and cost-effective
- Specially designed for the harsh environments
- IP 68 protected against dust and water ingress
- Accurate and long-lasting
- For measuring inside and outside temperatures

