

# DOL 16 Light Sensor

A robust light sensor specially made for measuring light intensity in harsh environments in livestock houses.

## Increasing animal welfare

DOL 16 is a robust light sensor measuring light intensity and is specially made for the harsh environment in livestock houses. However, it can also be used in various industrial applications.

Since the light sensor provides data on light intensity, it is now possible to set up an efficient light plan increasing the animal welfare. An optimal light plan is essential for broilers as they have a need for a regulated day-and-night cycle. The perfect amount of light will improve the animals' growth, immune system, and mobility. Also, the amount of light affects the chicken's reproduction cycle and have influence of the amount of eggs they lay.

Pigs' eyes are not adapted to extremely bright light and they may be better suited to dim levels of natural light.

## Energy saving

Connecting the DOL 16 to a lighting control system saves energy, as it makes it possible only allowing the lights to come on when necessary.

This means achieving the required lighting intensity with the fewest possible hours of lighting.

## Full protection against short circuit

The DOL 16 light sensor is available in two variants: one with fixed cable, and one with M12 connector/cable. The sensor has two 0-10 V analogue outputs with very low output resistance and full protection against short circuit and cable failure.

## Benefits

- Optimal light conditions for your animals
- Better animal welfare
- Better FCR
- Increased production
- Save energy

## Advantages

- Specially designed for the harsh environment in livestock houses
- Long lifetime
- IP 67 protected

