

DOL 43 Capacitive Sensor

A capacitive proximity sensor with an option for delayed switch-off and management of the delay length.

DOL 43 capacitive sensor is part of the 40 series; a series of robust capacitive proximity sensors designed for general detection of feed, grain, and solid materials.

LEDs indicate when the switches are activated. Naturally, all settings can easily be changed at any time.

DOL 43 has an option for delayed switch-off and management of the delay length. When the activation stops, the time delay starts. When this delay expires, the relay switches back. The delay length is easily adjusted by two switches.

Increased Usability

The sensor is equipped with a range of special functions, which increase its usability:

- Reset of sensor to factory setting
- Reading of adjusted time delay
- Disconnection of time delay
- Turn the light on/off in diodes

The DOL 40 series features a built-in powerful 10 A relay with switch function. The sensors are available in two variants with the following voltage range: 10 – 30 V AC/ DC 90 – 250 V AC.

Highly Reliable Sensors

The use of electronic rather than mechanic switches ensures a unique reliability, particularly as the electronics are completely encapsulated in special plastic. This provides maximum protection against humidity and other external influences.

Benefits

- An option for delayed switch-off and management of the delay length
- Easy to operate
- Reliable sensor with long life time

Advantages

- LEDs indicate when the switches are activated
- Several mounting issues
- immunity to noise from electric communication (i.e. from a mobile phone) and transients (i.e. from motors and contactors)
- IP 67 protection
- CE, C-UL and UL approved

