

DOL 45 Capacitive Sensor

A capacitive proximity sensor with three different delay functions.

DOL 45 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.

By means of a new microcomputer technique all functions have been put together in one sensor – the DOL 45.

Apart from the two other DOL 40 series options (DOL 41 and DOL 43) the DOL 45 can also be set for delayed switch-on. The time delay will start when the sensor is activated. The relay, switches when the time delay expires. The relay will not switch back until the activation stops.

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.

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

