

## Status monitoring

### Status measurements: on or off

There are various conceivable situations where you can apply status monitoring. For example: to register whether a door to your office is opened or closed, or to see how long a refrigerator has been open. Status monitoring is also used to check whether the heater is still switched on or to check that the tail lift of a truck is securely closed. Status monitoring registers whether something is switched on or off or is opened or closed.

Status monitoring registers whether something is switched on or off or is opened or closed. In addition, it is possible to detect changes in status and monitor how long a particular status has existed.



You can use the WiSensys® platform to monitor whether certain entrances, doors or applications are enabled or disabled. The system has several sensors that can monitor statuses and signal status changes.

#### Status monitoring applications

- Detection of opened and closed status of doors
- Monitoring of doors in supermarkets
- Alarm function for tail lifts on trucks
- Heating blocks of large buildings
- Security applications for offices



## Status monitoring

### Sensor WS-DLXc / cc / ct

WS-DLXc detects the status of switch contact signals.

WS-DLXcc detects status and status changes for switch contact signals.

WS-DLXct detects the status and measures the part of the sample interval (measured as %) in which the switch contact is close.

**Detection speed:** 1 time per second

**Detection closed:**  $V_{in} < 1 \text{ V}$

**Detection open:**  $V_{in} > 2 \text{ V}$ ,  $V_{max} = 30 \text{ V}$

**Housing:** IP 65

### Sensor WS-DLXt

WS-DLXt detects pulses, counts the number of pulses and transmits this cumulative value to the base station.

**Maximum pulse rate:** 10 pulses per second

**Detection closed:**  $V_{in} < 1 \text{ V}$

**Detection open:**  $V_{in} > 2 \text{ V}$ ,  $V_{max} = 30 \text{ V}$

**Housing:** IP 65

