

# DRY CONTACT SENSOR

## Overview

NETOP Dry Contact sensor is a long range wireless sensor which can be used to detect contact between two wired contact points. This sensor can allow to use upto 4 Dry Contact inputs(such as open-close sensors and switches) with it. So the device provides LPWAN connectivity to your Dry contact outputs and make them connected device(s) as a real plug&play. It sends message which give information about every dry contact inputs' status when any of them is changed. This sensor is compatible with Bluetooth5.0 technology. The standard version of this sensor is powered by one replaceable 3.6 V AA sized battery (included with purchase).

## Key Features

- Real plug & play
- Easy to mount & install
- Maintenance free – install & forget
- Secure communication
- Low Power Consumption
- Longer Range
- Certifications: CE



## Communication Specs

- The sensor uses Bluetooth5.0 technology
- Compliant with unlicensed 2.4 GHz ISM band
- Internal Antenna
- Radio Performance : Upto +4 dBm TX power and -96 dBm RX sensitivity
- No PC required for operation

## Mechanics

- Housing: ABS
- Dimensions: 65 x 55 x 27 mm
- Operating temperature: -40°C to +85°C

## Data Security

- AES-128

## Power Supply

- AA Battery 3.6 V Li-SOCI2-Saft LS 14500 (Standard 1 piece)

## Indicators

- RGB Status LED (on board)

## Sensor Specifications

Input Ports	:	4
Input Type	:	Open Drain
Data Transmission Period	:	In every change

## Certifications & Reliability

- CE
- Bluetooth® SIG certified
- EN 62479
- EN60950
- EN 301 489-1
- EN 301 489-17
- EN 300 328

## Applications

- Tamper Switches
- Barn door access monitoring
- Freezer / cooler door access
- Forklift seat switches
- Any related Dry contact application