

WIRED DOOR CONTACT SENSOR



The Wired Door Contact Sensor detects each door opening event, using a built-in reed switch mechanism.

It draws power directly from the SoniShield Duo through a wired connection.

Real-time open/close status and alerts continuously monitored through SoniCloud.

Compact and easy to install, this sensor mounts easily to doors, glass panes, or cabinet enclosures.

Comes as a complete set with the wired sensor that connects to the meter, and a magnetic trigger.

Features

- Compact size with glass-filled nylon housing, ideal for tight, rugged spaces.
- Reed switch mechanic operates passively.
- Wires to the SoniShield Duo for power supply and continuous data monitoring.
- Reliable in harsh environments from -40°C to $+105^{\circ}\text{C}$.
- Works with any topology: Wi-Fi, Cellular, or LoRaWAN®-based SoniLink.
- Slotted holes and surface-mount configuration allow for quick and secure installation.
- Flexible alerting options via phone call, text, email and push notification.

Specifications

Transmission

Technology Sensor w/ Magnetic Trigger, Wired Connection

Detection Distance 19.0 mm (0.75 in.)

Operation Method Passive Reed Switch

Software

Configuration Hardware-Based Configuration

Connectivity Compatible with Wi-Fi, Cellular, or LoRaWAN®-based SoniLink

Alarms Open/Close Status, Installation Validation

Physical Characteristics

Power Supply via Wired Connection to Sonicu Meter

Operating Temperature -40°C ~ 105°C

Relative Humidity ≤90% (non-condensing)

Ingress Protection IP20

Dimensions
Sensor: 23 mm x 6 mm x 14 mm (0.91 in. x 0.24 in. x 0.56 in.)
Cable Length: 304.80 mm (12 in.)
Trigger: 23 mm x 6 mm x 14 mm (0.91 in. x 0.24 in. x 0.56 in.)

Installation Surface mount with screws, slots for mechanical fastening, on flat surfaces with screws or 3M tape

