Alarm.com Flex IO

Data Sheet

ADC-FLEX-100

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Specifications

Ingress protection: IP56

Temperature: Battery life will be optimal between temperatures of 32°F to 140°F (0°C to 60°C). The device can operate from -40°F to 140°F (-40°C to 60°C).

Reed switches: 3 unique reed switch locations to choose from that can be activated with included magnet

Loop input: Flex IO can be powered by battery or external power.

- Dry Contact, Normally Open (NO), or Normally Closed (NC)
- Optional EOL resistor can be 300 kΩ or higher

Relay output: If used, Flex IO must be externally powered (not compatible with battery power).

- Up to 24 V (AC or DC), 40 mA max current
- Can be used only for control lines/dry contact. Can never be connected directly to control electrical loads, which will damage the device.

Dimensions: Main unit: 6.8 x 2.2 x 1.3" (17.3 x 5.6 x 3.3 cm), Magnet: 3.1 x 0.68 x 0.87" (7.9 x 1.7 x 2.2 cm)

Power: Works with DC-wired power or battery power (battery backup recommended for wired installations)
6 to 15 VDC supply, minimum 1 A

Battery power: Four 1.5 V AA lithium batteries (iron disulfide) 2+ years of battery life (depending on battery chemistry and operating temperature)

Overview

The Flex IO enables new levels of flexibility for monitoring valuable property and assets anywhere that LTE connectivity is available. Whether used with a backyard gate or a remote storage unit, the Flex IO empowers users to keep an eye on what matters most. It can be used with the included magnet to monitor doors, gates, and other entryways. It also comes equipped with input and output options for integrating compatible devices that lack long-range connectivity.

Features

- Detect open/close using magnetic reed switch
- Detect state change for third-party device using Loop Input
- Change state of third-party and device using Relay Output (requires DC power to support always-on cellular connection)

In the Box

- Optional EOL (end of line) resistor to detect cut wires. EOL resistor can be 300 kΩ or higher. Normally Open configuration is preferred for low power usage.
- Optional mount tamper and battery door tamper alerts
- Multiple mounting options, including screws or zip ties
- Multiple carrier options, including AT&T and Verizon (US only)