

DHI-ARD416

Shock Detector



- Adjustable sensitivity.
- Supports explosion vibration alarm and slight vibration alarm, and triggers alarms when people pound on the material too many times.

System Overview

The device uses the piezoelectric sensor to detect vibration signals.

Scene

Used in locations that require high security such as ATM booths, vaults and museums.

Technical Specification

Port

Alarm Output	1 × alarm output, NC, 24 VDC, Max. 100 mA 1 × case/wall tamper output, NC, 12 VDC, Max. 100 mA
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Function

Indicator Light	Red-and-green indicator
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Technical

Sensor	Piezoelectric ceramics
Detection Mode	Piezoelectric sensor
Sensitivity	Adjustable sensitivity (moderate sensitivity by default)
Detection Range	Metal: 2 m–7 m (6.56 ft–22.97 ft) Reinforced concrete: 0.5 m–3 m (1.64 ft–9.84 ft)
Operating Current	≤12 mA (12 VDC)
Alarm Current	≤8 mA

General

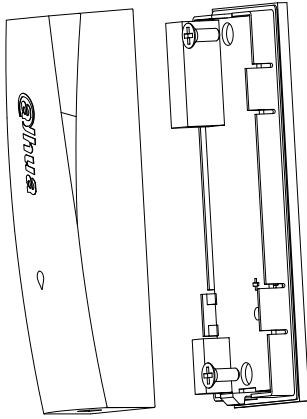
Power Supply	9-15 VDC
Power Consumption	0.18 W (Max.)

Operating Temperature	–25 °C to +50 °C (–13 °F to +122 °F)
Operating Humidity	10%–95% (RH)
Product Dimensions	32.0 mm × 25.0 mm × 95.0 mm (1.26" × 0.98" × 3.74") (L × W × H)
Net Weight	41 g (0.09 lb)
Gross Weight	51 g (0.11 lb)
Installation	Surface mount
Casing Material	PC and ABS
Certifications	CE
Anti-corrosion Level	Basic Protection
Storage Temperature	–25 °C to +50 °C (–13 °F to +122 °F)
Storage Humidity	10%–95% (RH)
Packaging Dimensions	35.0 mm × 31.0 mm × 100.0 mm (1.38" × 1.22" × 3.94") (L × W × H)

Ordering Information

Type	Model	Description
Shock Detector	DHI-ARD416	Shock Detector

Installation



Dimensions (mm[inch])

