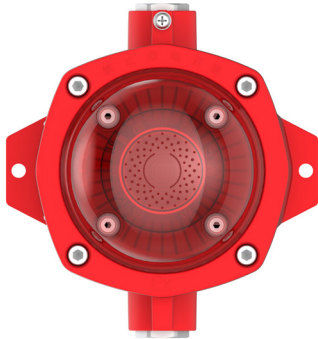


DHI-HY-A0520E

Addressable Explosion-proof Sounder Strobe



- Certified by CE
- The product has an explosion-proof rating of Exd ib IIC T6 Gb
- The two-wire, non-polar design allows for quick and easy installation, making maintenance straightforward
- The device is designed with a built-in isolation circuit and safety barrier, ensuring safe operation in environments containing flammable and explosive gases or dust

System Overview

The DHI-HY-A0520E Addressable Explosion-proof Sounder Strobe is part of the automatic fire alarm system, providing audible and visual alerts during a fire to prompt evacuation. It has an explosion-proof rating of Exd ib IIC T6 Gb and can connect to our fire alarm controllers.

Functions

Reliable communication

It utilizes a high-performance microprocessor, ensuring stable operation.

Ultra-low power consumption

The static current and alarm current are extremely low, reaching as low as approximately 7mA.

High durability

Intrinsically safe and explosion-proof design, featuring excellent resistance to high humidity and strong corrosion.

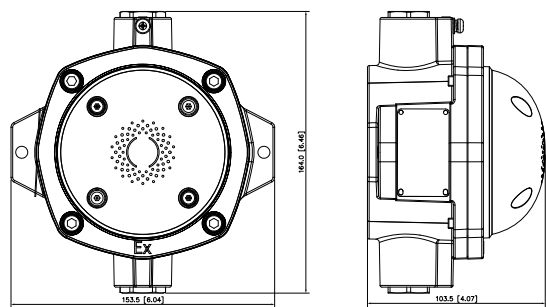
Scene

Used in high-risk areas such as petroleum, chemical, coal mining, and power generation, where flammable and explosive gases or dust are present, to ensure early fire hazard warning and safety in dangerous environments.

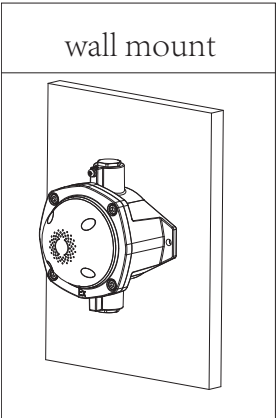
Technical specification

Working Voltage	DC24V
Current	Monitoring current: $\leq 150\mu\text{A}$ Alarm current: $\leq 7\text{mA}$
Explosion-proof Rating	Exd ib IIC T6 Gb
Alarm Volume	75 dB–115 dB @ 3 m (A)
Modulation Cycle	4 s–5 s
Flash Rate	1.5 Hz–2 Hz
Protection Level	Explosion-proof section: IP66
Address Range	1–254
Communication Distance	$\leq 1500\text{ m}$
Operating Temperature	-10°C to $+50^{\circ}\text{C}$ ($+14^{\circ}\text{F}$ to $+122^{\circ}\text{F}$)
Storage Temperature	-20°C to $+65^{\circ}\text{C}$ (-4°F to $+149^{\circ}\text{F}$)
Operating Humidity	$\leq 95\%$ RH (no condensation)
Material	Main body: ABS Explosion-proof section: Die-cast aluminum ADC12
Color	Red
Dimensions	Main body: $\Phi 100.0\text{ mm} \times 50.0\text{ mm}$ (with base) Full product: $153.5\text{ mm} \times 154.0\text{ mm} \times 115.0\text{ mm}$
Weight (with base)	1.33 kg
Certifications	CE

Dimensions (mm/inch)



Installation



Ordering Information

Type	Model	Description
Addressable Explosion-proof Sounder Strobe	DHI-HY-A0520E	Addressable Explosion-proof Sounder Strobe