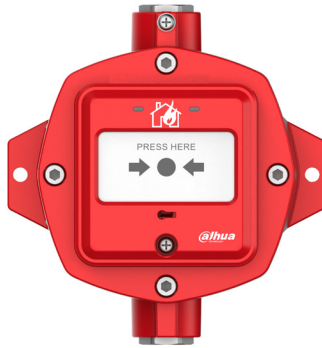


DHI-HY-A0320E

Addressable Explosion-proof Manual Call Point



- 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
- Cast aluminum explosion-proof housing, offering impact resistance, corrosion resistance, and an IP66 protection rating
- 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-A0320E Addressable Explosion-proof Manual Call Point is part of the fire automatic alarm system. It features an explosion-proof design with an Exd IIC T6 Gb rating and is compatible with fire alarm controllers manufactured by our company.

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 0.2mA.

User-friendly

The simple design allows for easy and intuitive alarm triggering and manual reset.

High durability

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

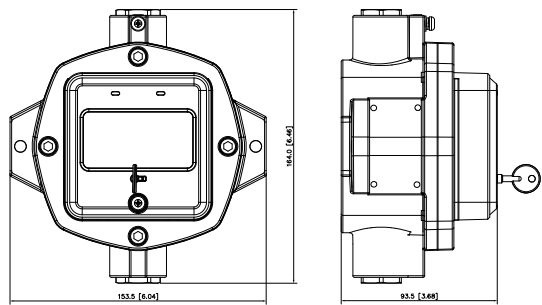
Scene

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.

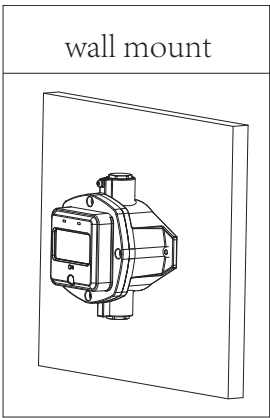
Technical specification

Working Voltage	DC24V
Current	Monitoring current: $\leq 70\mu\text{A}$ Alarm current: $\leq 270\mu\text{A}$
Indicator	Red Polling: Flash 6 seconds Alarm: Remain lit
Explosion-proof Rating	Exd ib IIC T6 Gb
Protection Level	Explosion-proof section: IP67
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	$\leq 95\% \text{ RH}$ (no condensation)
Material	Die-cast aluminum ADC12
Color	Red
Dimensions	Main body: $\Phi 100.0\text{ mm} \times 54.0\text{ mm}$ (with base) Full product: $153.5\text{ mm} \times 154.0\text{ mm} \times 119.0\text{ mm}$
Weight (with base)	1.49 kg
Certifications	CE

Dimensions (mm/inch)



Installation



Ordering Information

Type	Model	Description
Addressable Explosion-proof Manual Call Point	DHI-HY-A0320E	Addressable Explosion-proof Manual Call Point