

MODELS: H200 / H300 / H500

EXPLOSION-PROOF 2 IN 1

Reliability | Industrial | Low Power



KEY INDICATORS

$\pm 0.5\%FS$

Pressure Accuracy

$-200^{\circ}C$ to $800^{\circ}C$

Temp Range

**$\pm 0.5^{\circ}C$
(Customizable to
 $0.1^{\circ}C$)**

Temp Accuracy

MQTT

Protocol

-40° ~ $+125^{\circ}$

Operating temp

OVERVIEW

Hitelecom IoT's explosion-proof temperature and pressure monitoring equipment is designed for controlling and monitoring in flammable and explosive environments. It reduces the number of devices and installation complexity, ensuring safe and reliable operation in hazardous areas.

FEATURES



Accuracy: $\pm 0.5^{\circ}\text{C}$ (Customizable to $\pm 0.1^{\circ}\text{C}$)



IP68 Protection Rating



$\pm 0.5\%$ FS (High-Precision Customization)



Support NFC activation, add and maintain devices



Supports OTA, Remote Upgrades



Supports Multiple Wireless Tech: 4G, NB-IoT, LoRa



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APPLICATIONS



SPECIFICATIONS

Item	Description
Product Models	H200/H300/H500
Measuring Range	0kPa ~ 1MPa/1.6MPa/3.5MPa/ 7Mpa/ 10MPa/20MPa/35MPa/100MPa
Pressure Accuracy	±0.5%FS
Temp Range	-200°C to 800°C
Temp Accuracy	±0.5°C (Customizable to 0.1°C)
Protocol	MQTT
Frequency band	LTE-TDD:B34/B38/B39/B40/B41LTE-FDD:B1/B3/B5/B8
Installation	Ear Mount · Pole Clamp · Slot
Operating temp	-40°~ +125°
Storage temp	-40°~ +125°

Specifications may vary by configuration. Hitelecorm supports OEM/ODM customization — contact us for variants, certificates and the latest revision.

