

# NDIR Hydrocarbon/CH Sensors

## Features

### SJH-5B1:

- ✓ Resistant to high humidity and low power consumption
- ✓ Build-in/embedded temperature and humidity compensation and matrix calibration to ensure accuracy
- ✓ Meet the explosion-proof level Ex ia IIC T4 Ga

### Gasboard-2500:

- ✓ 100% humidity interference free, up to IP66 protection
- ✓ High resolution and high accuracy
- ✓ High selectivity for methane, no interference from propane or other carbon hydrogen



Anti-high humidity  
CH4 sensor  
SJH-5B1

TDLAS CH4 sensor  
Gasboard-2500

Sensor Type	SJH-5B1	Gasboard-2500
CH4 Concentration	0-5%vol	0 ~ 100%LEL
Accuracy	0-1%: $\pm 0.06\%$ 1-5%: $\pm 6\%$ reading	0 ~ 20%LEL $\pm 1\%$ LEL 20 ~ 60%LEL $\pm 3\%$ LEL 60 ~ 100%LEL $\pm 5\%$ LEL
Resolution	0.01%	1%LEL
Response Time	T90<25s	T90<20s
Working Temperature	-40~70°C	-25 ~ 55°C
Signal Output	Uart-TTL(2.5-3.3V)/DA (0.4-2V)	TTL (3.3V)
Dimension	$\Phi 20 \times H16.6$ mm	$\Phi 35 \times H60$ mm