

## Non-Addressable natural gas detector, 2-wire, sounder HYU-FA-CNGD001-2S



### Key Features

- Advanced algorithms provide advanced detection discrimination
- Stable gas sensing chamber. No adjustment or replacement required
- High immunity against unwanted alarms
- Surface-mount device circuit board design
- 2-wire system operation
- DC 12V or DC 24V operation
- Loud 85dB internal sounder
- Audible warning signal of an internal fault
- Remote LED output option
- Easy installation. No programming required
- Connectable to zone monitor for use with addressable control and indicating equipment
- Sleek, low-profile housing design
- Low maintenance

### Specifications

Model	HYU-FA-CNGD001-2S
Operating voltage	DC (10.8 ~ 33) V
Start-up current	≤100 μA
Start-up time	≤10 min
Quiescent current	50 μA
Quiescent condition indicator	Green LED flashing every 5s
<b>Alarm Condition</b>	
Sampling time	(2 ~ 4) s
Alarm response threshold	(0.10 ± 0.04) LEL CH <sub>4</sub> (natural gas)
Alarm condition indicator	Red LED
Sounder output	≥ 85 dB @ 3m
Alarm current (max)	50mA @ DC 24V
<b>Fault Condition</b>	
Internal fault indication	Single short audible signal every 30s
<b>Reset</b>	
Reset voltage	≤ 1V
Reset time	≤ 5s
<b>Environmental</b>	
Operating Temperature	-10°C~ +50°C
Operating Humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	-25°C~ +80°C
Storage humidity	(0 ~ 98) % RH, non-condensing
Dimensions (excluding contacts)	∅ 102mm x 45mm
Ingress protection rating	IP-42