

# **GAS SENSE**

## **GAS DETECTION SYSTEMS**

**DOMESTIC GAS DETECTORS**

## H-400 DOMESTIC GAS DETECTORS

**GAS SENSE**

- High quality catalytic gas sensor for combustible gases;
- Long lasting electrochemical sensor for CO detection ;
- Semiconductor gas sensor for refrigerant detection;
- LED status indication;
- Sound signalization >85dB;
- TEST/RESET button;
- SPDP relay output;
- Comply with EN50194, EN 50291.

### TECHNICAL SPECIFICATIONS

Working voltage	230VAC-50Hz
Power consumption	3W
Output relay	SPDP, 250VAC/2A
Detected gases:	
H-400.CH4	CH4
H-400.LPG	LPG
H-400.CO	Carbon monoxide
H-400.REF	Refrigerant gases
Working temperature	0 - +50°C
Humidity range	10 – 90%R.H.
Sizes	115x91x38mm
Weight	0,250kg
Enclosure material	ABS
Enclosure color	White (RAL 9003)
Conformity mark	CE

### H-400 DOMESTICE GAS DETECTORS



DETECTED GAS	DETECTING RANGE	ORDER CODE
Methane	10 - 20%LEL	H-400.CH4
LPG	10 - 20%LEL	H-400.LPG
Carbon monoxide	40 - 250 ppm	H-400.CO
Methane and Carbon monoxide	10-20%LEL / 40-250ppm CO	H-400.CH4+CO
Refrigerant gases	5000ppm	H-400.REF

## H-300 REFRIGERANT DETECTORS FOR OCCUPIED SPACES

**GAS SENSE**

- Uses refrigerant-specific gas sensor to avoid false alarms;
- Low profile enclosure for aesthetic appeal;
- Simple in-field calibration procedure;
- LED status indication, sound signalization >85dB;
- SPDP relay outputs;
- Galvanically isolated RS485 output for connection with BMS;
- Comply with EN 50270.

### TECHNICAL SPECIFICATIONS

Working voltage	230VAC-50Hz (15-30VDC)
Power consumption	3W
Output relays	2 pcs SPDP, 250VAC/2A
Digital output signal	RS485, ModBus
Detected gases	HCFC and HFC refrigerants
Alarm level	5000ppm
Operating temperature	0 - +50°C
Humidity range	10 – 90%R.H.
Dimensions	145x90x35mm
Weight	0,250kg
Enclosure material	ABS
Enclosure color	White (RAL 9003)
Conformity mark	CE

### H-300.REF REFRIGERANT DETECTOR



OUTPUT SIGNAL	POWER SUPPLY	ORDER CODE
2 SPDT relay outputs + RS485	230VAC-50Hz	H-300.REF.AC.N
2 SPDT relay outputs + RS485	15-30VDC	H-300.REF.DC.N

**GAS SENSE**

**Invest Electronics Ltd**

145, Brezovsko shose Str, 4003 Plovdiv, Bulgaria

Tel. +359 32 960143

Fax: +359 32 960144

e-mail: [info@gassense.eu](mailto:info@gassense.eu)

[www.gassense.eu](http://www.gassense.eu)