

Smart Sense LPG ACS

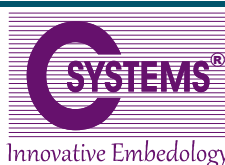
C Systems SMART SENSE LPG-ACS series of LPG detection & alarm system is a 16 bit microprocessor based sigma delta technology with integrated LPG Gas sensing Element. The SMART SENSE xx-ACS series has sensors capable of detecting Iso Butane, Propane (LPG) and Methane.

The Smart Sense controller dynamically reads the presence of LPG Gas in the installed location, process the gas concentration and converts the same to % LEL (Low Explosive limit). The display unit is housed in IP66 UL listed plastic enclosure with clear face.

Technical Specification:

Supply Voltage	:	24V DC
Current	:	100 mA @24V DC
Display	:	3 Digit, 1 inch, 7 segment Red display
Sensor /Transmitter	:	Catalytic Bead
Conversion Type	:	Sigma Delta
Resolution	:	18 BIT ADC
Filter	:	common mode filter
Sample & Hold	:	yes
Coverage	:	30-foot centers, 900 square feet per detector The coverage depends on air movement in the room or facility. Extra detectors may be needed near any areas were people work or the air is stagnant.
Parameter	:	1-25% Lel
Digital Output	:	Volt free output for hardware integration
Analog Output	:	0-10V
protocol	:	Modbus RTU
Dimension	:	150mm x 150mm x 90mm
weight	:	750g
Mounting	:	Wall Mount with clamp
Certifications	:	CE (EN IEC 61010-1:2010 + A1:2019, EN ISO 12100:2010)

SMART SENSE



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