

# **Prosense SafeVader Series**

Prosense SafeVader Series fixed gas detectors are designed to use in safe areas. It includes all common output functions.



**SafeVader** has special measurement functions especially hydrogen and Refrigerant gas detection. Also lots of VOCs can be detected very quickly

#### **Applications**

- Labratories
- Schools
- Hospitals
- Refrigerant market
- Hydrogen detection

#### **All in One**

4-20mA Analog, RS485 MODBUS RTU and Relay outputs are provided onboard to operate properly without any optional module.

# **Small and Smart**

SafeVader has uniqe design and have all necessary functions for gas detection.

# **Accurate Readings**

Infrared, Cathalytic and Electrochemical sensors undoubtedly provide an accurate and sensitive measurement.

## **Easy Maintenance**

SafeVader Series detectors allow easy configuration with three buttons and user menu.

#### **LCD Display**

The LCD display is easily readable from any angle and user menu provides easy configuration.

#### **Easy Calibration**

Detector calibration can be done automatically via preset values recorded in detector software once calibration requirements are provided.

### **Zero Suppression**

Adjusting, the detector can show a certain measurement level as 0 (zero) to avoid unnecessary concerns.

### **Simple External Equipment Control**

Onboard relay outputs enables you to use it as an independent gas detection system with two arbitrarily adjustable concentration alarms and one fault alarm.

#### **Continuous Self-Test**

The detectors check itself continuously to make sure it operates perfectly and indicates a fault in case of any failure.

### **Adjustable Parameters**

All parameters can be easily changed according to the application requirements or facility standards.

# **Easy Status Recognition**

Colored LEDs (green, yellow and red) provide additional alarm and status information.









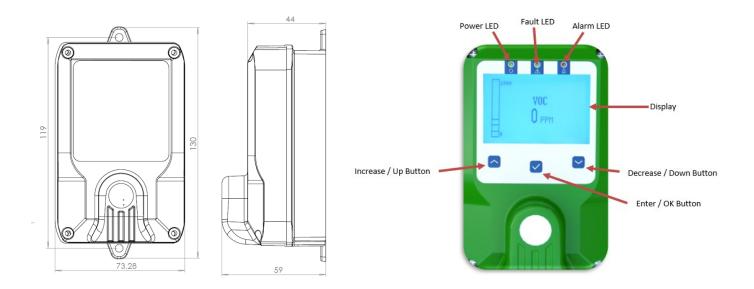




# SafeVaderSeries Gas Detector

Specifications	SafeVader-IR	SafeVader-PEL	SafeVader-EEC	Safevader-PID
Sensing Element	Infrared	Pellistor	Electrochemical	PID
Output Signal	4-20mA Analog   RS485 Modbus RTU   Relay Outputs			
Sensor Warm-up Time	60sec			
Response Time (T90)	<30sec*	<25sec	<30sec**	<15sec
Accuracy	%±1			
Operating Temperature	-20°C~+60°C**			
Humidity	0~100%RH ** Non-Condensing			
Input	12 to 28VDC (24VDC nominal)			
Display	128x64 Graphic LCD			
	3 LED indicator for detector status			
Relay Outputs	2 Alarms (Programmable) and 1 Fault			
	(All relays are set to NO)			
Calala Fration	Relay rating 1.25A 30VDC			
Cable Entry	2xPG9			
IP Rating	IP54			
Enclosure	ABS Plastic			
Dimensions/Weight	130x73,30x59mm / 400gr			
	EMC			

# Please consult Prosense sales team for specific measurement ranges and target gases.



For more information please contact with info@prosense.com.tr











