

# PolyGard®2

## Multi Sensor Controller



PolyGard®2 Multi Sensor Controller is a device used for the detection of refrigerants and Freon gases in refrigeration plants. This PolyGard®2 Multi Sensor Controller has ability to detect multiple gases simultaneously, which provides comprehensive protection against a range of hazardous substances. The device's advanced signal processing technology ensures fast and accurate detection, enabling quick responses in the event of a gas leak or other hazardous situation.

# Features

- Digital measurement value processing
- Internal function control with integrated hardware watchdog
- Low zero-point drift
- Easy maintenance and calibration by exchange of the sensor unit or by comfortable on-site calibration
- IP65 version
- 4°C 20 mA (or 2°C 10 V) analog output with selectable signal output for special mode, fault etc

## Application

The MSC2 is designed for detection and warning of gases in many commercial and industrial applications. The difference between MSB2 and MSC2 is the autonomy MSC2 provides while having the ability to connect to a larger controller / system.

Manufacturer	PolyGard
Sensor Type	Semiconductor Sensor
Measurable Range	20-2000 ppm
Response Time	t90 ≤ 150 s
Storage Temperature	0°C to +50°C
Temperature Range	-30°C to 60°C
Humidity Range	15-90% RH
Pressure Range	90-110 kPa
Sensor life	> 5 years / normal environment
Enclosure	Polycarbonate UL 94 V2
Warranty	2 Years Manufacturing Warranty

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow  
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

## Instrukart Holdings

Ph : +91 (40)40262020 | Mob : +91 88865 50506;  
Email : [info@instrukart.com](mailto:info@instrukart.com) | [www.instrukart.com](http://www.instrukart.com)  
Head Office: #18,Street-1A, Czech Colony, Sanath Nagar, Hyderabad -500018, INDIA.

 <https://youtube.com/instrukartholdings>

