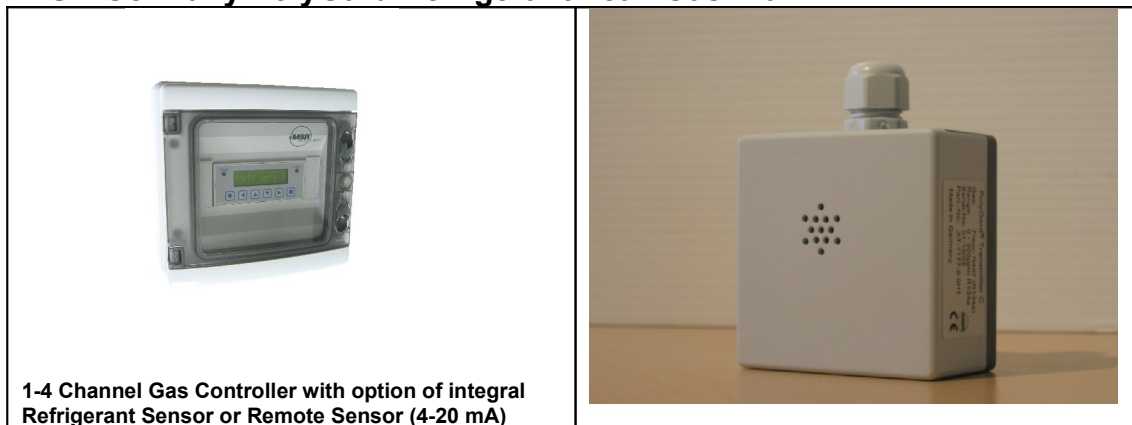


ATTENTION!

- * Estimation Manager
- * Refrigeration Engineer
- * Mechanical Engineer
- * Building Automation Engineer
- * Ventilation Engineer
- * Project Manager

MSR Germany PolyGard Refrigerant Leak Gas Alarm:



1-4 Channel Gas Controller with option of integral Refrigerant Sensor or Remote Sensor (4-20 mA)

The MSR PolyGard Refrigerant Gas Sensor/Transmitter provides continuous monitoring representing quantitative presence of gases/vapours. The Gas Sensor/Transmitter gives 4-20mA output. The PolyGard Single Point Controller comes with 4 x relays to actuate audio-visual alarms (Lo, Hi, and Fault.) The 4-20mA (24 VDC nominal, shielded wire) output from the Refrigerant Gas Sensor/Transmitter is fed to the PolyGard Single Point Controller to generate alarm levels. The MSR PolyGard Refrigerant Gas Sensor/Transmitter utilises the solid state semi-conductor sensor and is designed for general purpose or commercial applications as **Refrigerant Leak Detector** as per AS 1677.

NOTE: For use only in environments that are not classified as "Hazardous Areas". For sensors in Hazardous/Classified areas, contact us at the address above.

Features/Specifications:

- o Temperature compensated solid state semi-conductor sensor (**for Refrigerant leak detection only**).
- o Plug-in PCB / Sensor
- o RFI/EMI protected enclosure 100 mm x 100 mm (Gasket channel construction)
- o Expected life span: 5 years plus.
- o 4-20mA/0-10 V output (not linear – for leak detection only)
- o Accuracy: $\pm 10\%$ (above 30 PPM)
- o Temperature: 0° to + 40°C
- o Humidity: 0 to 90% non-condensing
- o Power: 24 V AC/DC (240 VAC with plug pack)
- o Controller Input: 4-20 mA (for refrigerant or any other gas transmitter)
- o Automatic re-setting thermal overload fusing (reset up to 500 times.)
- o Controller comes with display, keypad, relays for A-V alarms. – **optional Buzzer**
- o Other gas types: Refrigerant sensors, Ammonia, CO, Hydrocarbon (Ex), Oxygen, NO, NO₂, CO₂ Cl₂, H₂S, O₃
- o Controller output: 4-20 mA (**Option**) for plant DCS/BMS, SCADA or PLC system, 4 x relays, 1x fault relay.

Refrigerants (Measuring Ranges):

R12: 0-1000 PPM
R22: 0-1000 PPM
R123: 0-1000 PPM
R134a: 0- 300 PPM
R507: 0-1000 PPM

Other Gases / range - Contact Us

R410a: 0 – 1000 PPM
R407C: 0 – 300 PPM

FAX RESPONSE SHEET (FAX NO. 02 9614 0311)

PLEASE SEND ME DETAILS ON :

- MSR PolyGard Modular Gas Controller (4, 8 , 16 , 24. 32 channels)
- MSR PolyGard LON BUS T(32, 48, 96 channels) – **for 40 to 60% installation cost saving**
- MSR PolyGard Car Parks CO , NO2, Ex Sensor/ Transmitters (Duct Mount Option)
- MSR aSense CO2 (Carbon Dioxide) Transmitter (for IAQ / Demand Control Ventilation)
- Refrigerant Transmitters / VOC – Volatile Organic Sensors
- Stand Alone Single Point Gas Controller with integral sensors for Freon (Refrigerants, CO, Ex – Methane/Propane/Butane etc, O2, H2S, SO2, NO2 etc)

NAME:.....

COMPANY:.....

ADDRESS:.....

SUBURB:.....

STATE:..... **POST CODE:**.....

PHONE:..... **FAX:**.....

E-MAIL:.....

Additional Information:

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