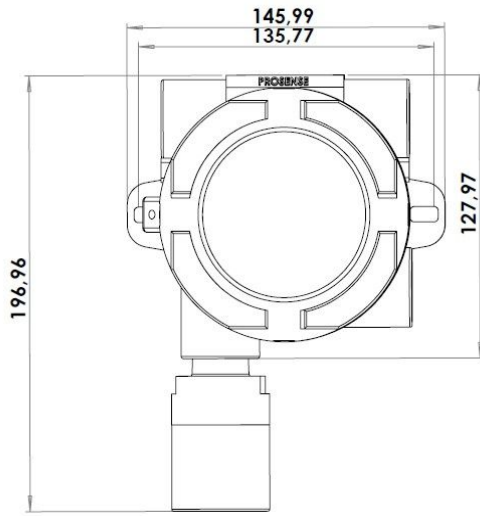


PQ Series

PQ-7231 Freon Datasheet



- PQD offer an OLED display with 128x64 characters and 5 mode status LEDs for monitoring the gas concentration. Single-Operator calibration can be done without opening the housing by using the magnetic key.
- 4-20mA Analog output
- RS485 (Modbus RTU) output
- Stainless Steel Sensor Head
- 1/2" NPT Cable Gland
- Optional 3 Relay (2A, 1F)
- Optional IP66 Sensor Head Adaptor
- Suitable for Zone 1, Zone 2, M2 applications
- User-friendly software

Specifitacions	
Sensing Element	Semi-conductor
Measurement Type	PPM
Output Signal	4-20mA RS485 Modbus RTU
Sensor Warm-up Time	60 sec
Response Time (T90)	<15 sec
Measuring Range	0-2000 ppm
Accuracy	%±2
Display	128x64 Graphic OLED
Operating Temperature	-40°C ~ +70°C
Humidity	0 ~ 100 %RH
Input	10-32 VDC
Power Consumption	Max. 4W
Optional Relay Outputs	2 Alarm, 1 Fault NO/NC Energized / De-energized
Cable Entry Options	3x 1/2 NPT Standard or 3x 3/4 NPT or 3x M20
IP Rating	IP65 Optional IP 66(Sensor Head)
Junction Box	Die-cast aluminium
Sensor Head	SS316L
Dimensions/Weight	196,96x145,99x112mm (2100gr)
Atex Marking	Ex II 2G Ex db IIC T6 / I M2 Ex db I Mb
Hazardous Class	Zone 1 - Zone 2 / M2
Certificates	ExVeritas 18 ATEX 0371X IECEX EXV 18.0021X FTZU 19E0002
Standards	EN 60079-0 EN 60079-1 EN 60079-29-1

* For more information please contact customer support

Applications

- Process, Metal and Chemical Industry
- Water Treatment
- Food and Medicine Facilities
- Laboratories

Gases

- R134a, R407c
- R12, R11
- R404a, R410a
- CFC, HCFC, HFC

Optional Modules

- **PQ-3R+**: 2 Alarm, 1 Fault NO/NC relay output card
- **P-IP66**: IP66 Sensor head adaptor
- **PQD-SS**: SS316L Stainless steel junction box
- **P-GTA**: Ceiling mount collecting cone
- **P-HT150**: HC sensor for high-temperature environments (only for flammable gases)