



x1



Senseair
Local
representative

IMA14493
Rev 2

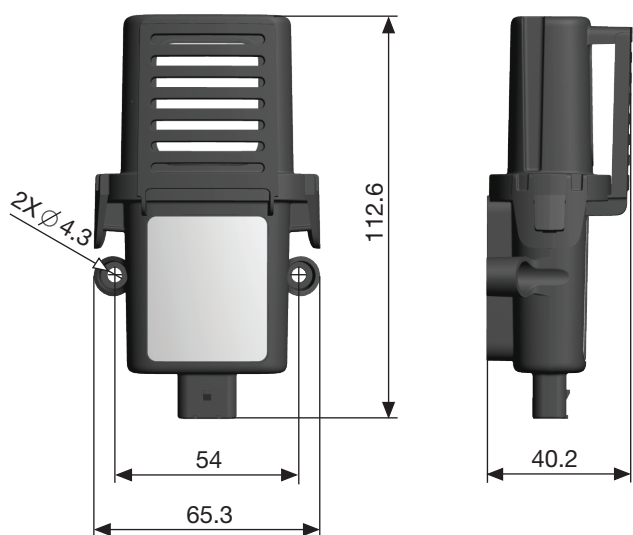
Installation manual

Senseair Refrigerant Detection System

Refrigerant Leakage Sensor



Senseair

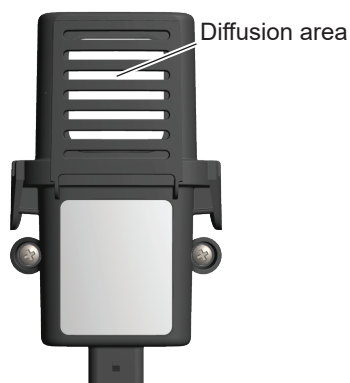


[mm]

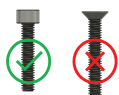
1



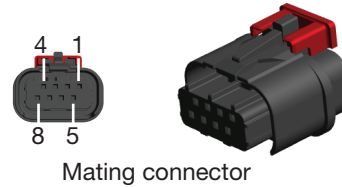
* Not included



Max screw diameter \varnothing 4 mm.
Max screw head diameter \varnothing 7.8 mm.
Avoid countersunk screws.



Diffusion area must not be covered. Diminished
sample gas circulation may affect response time.



Mating connector

| Pin | Symbol | I/O Type | Description |
|-----|---------|----------|--|
| 1 | RS-485A | I/O | RS-485 "A" signal or UART Tx ¹ |
| 2 | RS-485B | I/O | RS-485 "B" signal or UART Rx ¹ |
| 3 | OUT2 | O | Analogue voltage output |
| 4 | GND | | Ground |
| 5 | GND | | Ground |
| 6 | OUT1 | O | Digital output ^{1,2} , software configurable choice between: a) PWM signal, 1kHz frequency b) Digital High/Low signal with software configurable threshold and hysteresis |
| 7 | OUT3 | O | Analogue current output ^{1,2} |
| 8 | PWR | Power | Sensor supply voltage ¹ |

¹ Depending on actual variant; see Product Specification for actual device for details.

² Note that the Out1, Out2 and Out3 outputs are not independent.
Connect only one output pin to external circuitry!



Mating connector type: Amphenol MicroSpaceXS™10155470-A008LF

Use cable tension relief for power / I/O cables respectively which shall be held in place. Cables shall be straight, without angles and tensions.

