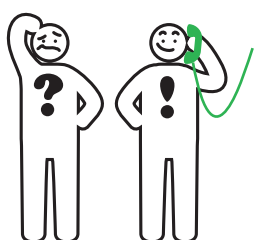




x1



Senseair  
Local  
representative

IMA14493  
Rev 1

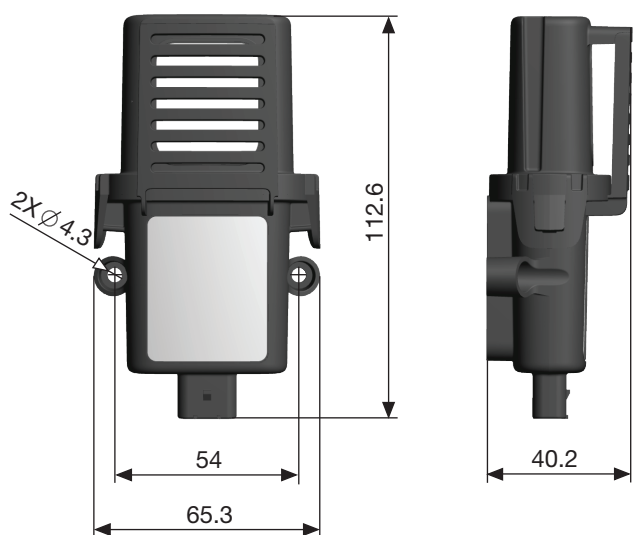
Installation manual

# Senseair Refrigerant Detection System

Refrigerant Leakage Sensor



Senseair



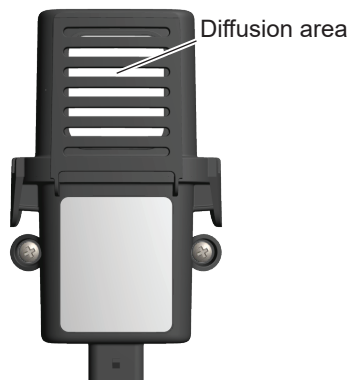
[mm]

Max screw diameter ø 4mm.

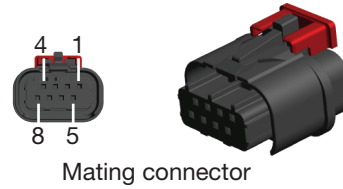
1



\* Not included



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 <sup>1</sup>
2	RS-485B	I/O	RS-485 "B" signal or UART Rx <sup>1</sup>
3	OUT2	O	Analogue voltage output
4	GND		Ground
5	GND		Ground
6	OUT1	O	Digital output <sup>1,2</sup> , 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 <sup>1,2</sup>
8	PWR	Power	Sensor supply voltage <sup>1</sup>

<sup>1</sup> Depending on actual variant; see Product Specification for actual device for details.

<sup>2</sup> 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.

