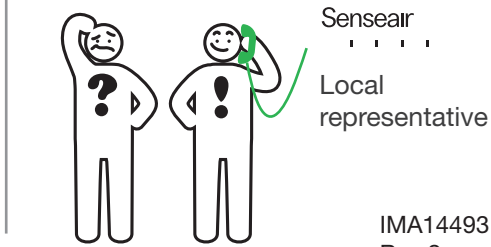
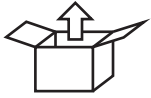




x1



Senseair
Local representative

IMA14493
Rev 2

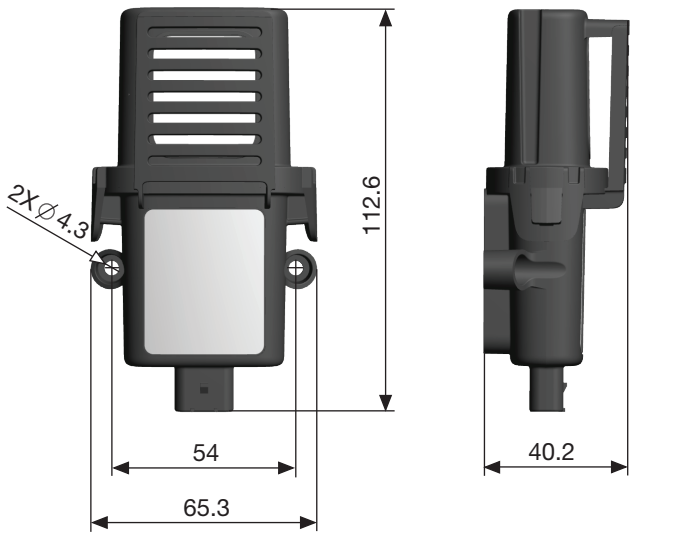
Installation manual

Senseair Refrigerant Detection System

Refrigerant Leakage Sensor



Senseair

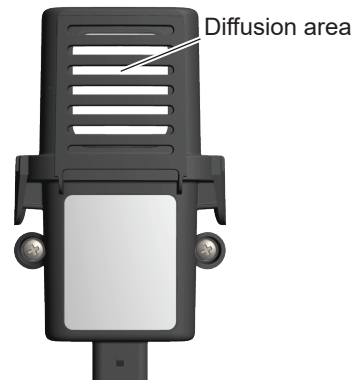


[mm]

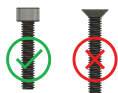
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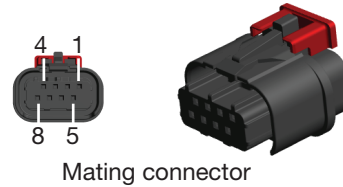
* Not included



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 TxD ¹
2	RS-485B	I/O	RS-485 "B" signal or UART RxD 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.

