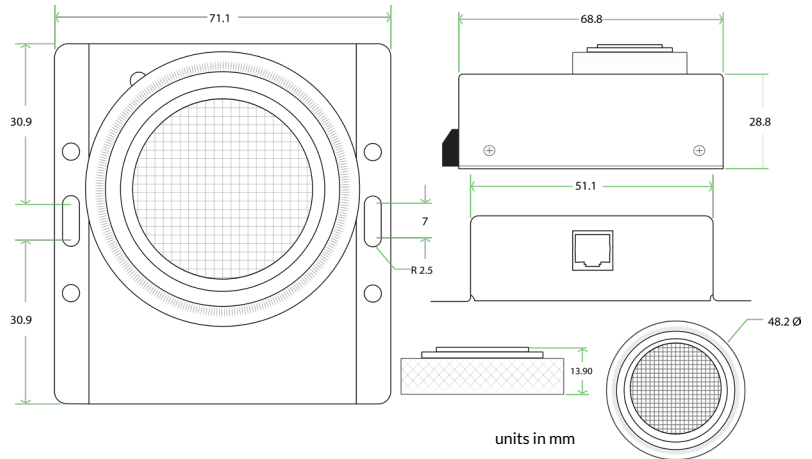




Refrigerant A1 (R410A) Gas Sensor (GAS-A1)



Digital sensor designed to monitor refrigerant gas leaks and can measure ASHRAE A1 class refrigerant gas sensor.

Sensor Metrics:

Supported gases	R410A
Measurement range	1,700 to 130,000 ppm
Accuracy	<10,000 ppm $\pm 1,100$ ppm $\geq 10,000$ ppm $\pm 11\%$ of delivered concentration
Response time (T90)	<20 seconds
Warm up time	2 minutes
Calibration frequency	No calibration required
Life span	Up to 15 years
Detection technology	Spectrometer

Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required)
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	600 mW

Environmental Specifications:

Operating temperature range	-40°C to 75°C (-40°F to 167°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	OU rack, DIN rail, magnetic or wall mountable sensor
Dimensions	71.1mm (2.8") x 68.8mm (2.71") x 28.8 mm (1.13")
Weight	193g (0.43lbs)