

A2L Sensirion Sensor Wiring



Sensirion's A2L sensors (SGD4x series) are robust, certified, and integration-ready thermal conductivity sensors engineered for detecting low-GWP, mildly flammable refrigerants. They offer high accuracy, fast leak detection, long life, and reliable communication interfaces—making them ideal for modern HVACR systems transitioning to A2L refrigerants with strict safety standards in mind

- Sensirion's A2L sensors typically use thermal conductivity detection (TCD) technology
- Ensure compliance with global safety standards like UL 60335-2-40 (4th edition) and IEC 60335

