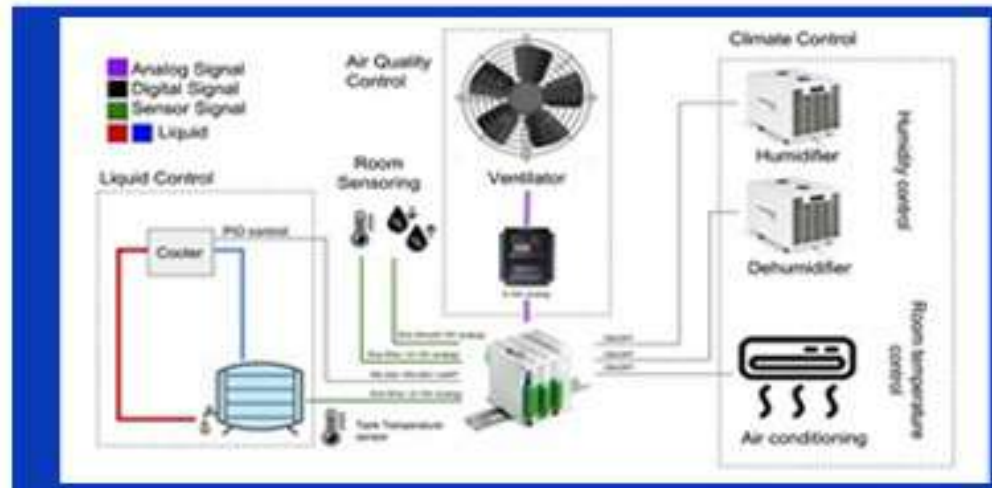




Sensor technology in HVAC System application

- A sensor is a device that detects the change in the environment and responds to some output on other system.
- A sensor converts a physical phenomenon into a measurable analog voltage (or sometimes a digital signal) converted into a human-readable display (or) transmitted for reading (or) further processing.



HVACR SENSORS

Sensors are an integral part of most heating, ventilation, air-conditioning and refrigeration (HVACR) systems - helping to not only maintain comfortable indoor climate but also increase the efficiency of the HVACR systems.

TYPES OF SENSORS

- Pressure
- Temperature
- Humidity
- Flow
- Position
- Vibration
- Ultrasonic
- Mass air flow
- Current & Thermistor
- Solar load & Monitoring
- Air quality
- Carbon monoxide
- Carbon dioxide
- Water flow measurement

PRESSURE SENSOR

A pressure sensor is a device that sense pressure & converts it into an electric signal where the amount depends upon the pressure applied.

HUMIDITY SENSOR

A humidity sensor is a device that detects and measures water vapor.

(T)	TEMPERATURE	HUMIDITY (rh)	CONDENSII	HEATER BANK
	HIGH	HIGH	ON	OFF
	HIGH	LOW	ON	OFF
	LOW	HIGH	ON	ON
	LOW	LOW	OFF	ON

TEMPERATURE SENSOR

A temperature sensor is a device that detects & measures hotness and coolness converts it into an electrical signal.

POSITION SENSOR

Position sensor is a device that can detect movement of an object and converts these into signals suitable for processing, transmission or control.

CONTACT :73388 88590/85508 78888

Email: ts@appcs.in/sales@appcs.in

www.appcs.in