

Airflow Sensor (AFS00)



The airflow sensor is a switch type on/off style sensor. It is not a precision airflow measurement sensor, but rather an indicator of whether there is a presence or absence of airflow. A threshold can be set to determine the sensitivity of the sensor. Ideal for placing in-front of air intake or exhaust fans to indicate if the airflow is sufficient and as an early warning of failures in the cooling systems or fans.

Technical Specifications

Measurement Range	Normal or Critical
Sensor Type	Thermistor / On or Off
Measurement Rate	Multiple readings every second
Indication	LED for Status LED for connectivity
Operating Temperature	-20 °C~60 °C 4 °F~140 °F
Interface	
Communications Cable	RJ-45 jack to sensor using UTP Cat 5 wire
Communications Cable Max. length	The AirFlow Sensor can be extended from the RJ-45 Intelligent Sensor ports on the base units up to 60 feet, or 18 meters using standard CAT5/6 LAN cable
Power Source	Powered by the controller unit. No additional power needed
	Full autosense including disconnect alarm
Power Consumption	Typical 430 mWatt, 85mA
Dimensions	56 x 55 x 33.3 mm
Mounting	DIN rail mounting Screw mounting
Sensor count	1

AFS00 - Technical Drawing

