



Airflow Monitoring Sensor

Revision Date: 8/7/2025

Use Status: Available

Description:

Air Velocity Sensor, Loop Powered 4-20mA. Current Draw 90mA. Requires 24 Volt Power for wired or wireless applications.

Rees Info	
General Info	
Centron Input Number	1.0
Centron Output Number	0.0
Centron 1	
TestWireless Reads	4-20ma
Workstation Reads	Linear Transducer
Is it 4-20mA?	Yes
Units	Meter Per Second
0 to 10 meters per second	M 2.51 B -2.5
0 to 15 meters per second	M 3.77 B -3.75
0 to 20 meters per seconds	M 5.02 B -5

Power	
Supply Voltage (VDC) Min	20.0
Supply Voltage (VDC) Max	28.0
Supply Voltage (VAC) Min	20.0
Supply Voltage (VAC) Max	28.0
Supply Current (mA) Max	90.0
Comes with Transformer	False

Physicalities	
Height (inches)	3.17
Width (inches)	3.97
Depth (inches)	1.81
Color	Green, White
Material	Polycarbonate UL94V-0 Approved
IP Rating	Enclosure IP 65, Remote Probe IP20
NEMA Rating	4
Safety Approvals	EN61326-1, EN61326-2-3
Mounting Information	Duct Mount
Is probe removable?	False
Probe Diameter (inches)	0.5
Probe Length (inches)	7.9

Sensor Info	
General Info	
Operating Temperature Min (C)	-10.0
Operating Temperature Max (C)	50.0
Operating Humidity Min	5.0
Operating Humidity Max	95.0
Storage Temperature Min (C)	-30.0
Storage Temperature Max (C)	60.0
Operating Temperature Min of Transmitter (C)	-10.0
Operating Temperature Max of Transmitter (C)	50.0
Operating Temperature Units/Information	C
Operating Humidity Min of Transmitter	5.0
Operating Humidity Max of Transmitter	95.0
Operating Humidity Units/Information	% RH non condensing
Sensor Technology	VTQ Sensor Element
Response Time	4 Seconds
Media Types	Air
Rees Calibrated	False
Factory Calibrated	False
Site Calibrated	False
Types of Measurands	Air Velocity
Measurands	
Air Velocity	
Measurement Min	0.0
Measurement Max	20.0
Measurement Units/Information	Meters Per Second
Accuracy	± (0.2 m/s (40 ft/min) + 3 % of m. v.)
Analog Output	4-20ma
Additional Detail	0-10/15/20 meters per second selectable by jumpers