

ST-8920 - Pressure and Flow Meter



Accuracy	±0.3%FSO (25°C)		
Repeatability	±0.2% (Max.±0.5% FSO)		
Linearity/Hysteresis	±0.29% FSO		
Pressure Range	±5000Pa		
Maximum Pressure	10psi		
Response Time	0.5 Seconds typical		
Low Battery indicator	Yes		
Over range indicator	OL		
Under range indicator	-OL		
Operating Conditions	0 to 50.0°C		
Storage Conditions	-10 to 60°C / 14 to 140°F		
Zero Adjust and Offset	Yes		
Data Hold	Yes		
Max / Min / AVG	Yes		
measurement units, ranges, & resolution	Units	Range	Resolution
	inH ₂ O	20.07	0.01
	PSI	0.7252	0.0001
	mbar	50	0.01
	kPa	-	-
	hPa	-	-
	Pa	5000	1
	inHg	-	-
	mmHg	-	-
	ozin ²	-	-
	ftH ₂ O	-	-
	cmH ₂ O	-	-
	mmH ₂ O	509.8	0.1
kgcm ²	-	-	
bar	-	-	
Air Velocity	Range	Resolution	Accuracy
m/s(meter per second)	1-80.00	0.01	±2.5% of reading at 10.00m/s
ft/min(feet per minute)	200-15733	1	Accuracy is function of velocity and duct size
km/h(kilometers per hour)	3.5-288.0	0.1	
MPH(miles per hour)	2.25-178.66	0.01	
Knots(nautical miles per hour)	2.0-154.6	0.1	
Air Flow	Range	Resolution	
CFM	0-99.999ft ³ /min	0.0001 to 100	
CMM	0-99.999m ³ /min	0.001 to 100	
Temperature	Range	Accuracy	Resolution
°C	0 to 50.0°C	±1.0°C	0.1°C
°F	32.0 to 122.0°F	±2.0°F	0.1°F

Remarks: If find any query of the above, please refer to our manual for details or contact us