Honeywell

IAQPoint2™ SPECIFICATIONS

Touchscreen Indoor Air Quality Monitor

Model	IAQPoint2 with CO_2 Sensor	IAQPoint2 with VOC Sensor
Gasses	CO_2	Volatile Organic Compounds (VOC)
Detection Method	Non-dispersive infrared (NDIR) with ABC automatic background calibration algorithm	Metal oxide semiconductor (MOS)
Range	0-2,000 ppm 0-5,000 ppm	0-100 (400-2,000 ppm CO_2 Equivalent)
Accuracy*	±30 ppm +3% of reading @ 25°C for 0-2000 ppm; ±30 ppm +5% of reading @ 25°C from 2000 to 5000 ppm	
Response Time	T_{90} < 60 seconds	T_{90} <60 seconds
Calibration	No Calibration Required	No Calibration Required
Temperature Sensor		
Detection Method	Band Gap	
Accuracy	±0.5°C at 25°C and 50% rH	
Humidity Sensor		
Detection Method	Capacitive Type	
Range	0-95% rH	
Accuracy	±5% at 25°C and 50% rH	
System Operation		
Temperature	32° to 122°F (0° to 50°C); 32° to 104°F (0° to 40°C) for VOC Wall mount configurations	
Humidity	0 to 95% rH, Non-condensing	
Power In	20 to 30 VAC; 18 to 28 VDC	
Consumption	200 mA @ 24 VDC	
Dimensions	3.0 (w) x 4.6 (h) x 1.5 (d) in (11.8 x 7.7 x 3.7 cm)	
Weight	.44 lbs (.20 kg)	
Enclosure	ABS	
Display	TFT, Multicolor graphical touch screen display; 1.9 (w) x 2.6 (h) in (4.9 x 6.5 cm) (Optional with Analog units)	
Languages	English, French for first release	
Outputs		
Analog	4-20 mA, 0-10 VDC selectable	
Digital	Modbus RTU, BACnet MS/TP	
Relay	3 Amps, 250 VAC resistive, and 30 VDC SPDT; Field configurable set point & hysteresis	
Override	Selectable on Display Units	
Mounting Options		
Wall Mount	IP22	
Duct Mount	IP22	
Certifications		
US	ANSI/UL 61010-1	
Canada	CAN/CSA C22.2 No. 61010-1	
Europe	CE	
Warranty	1 year	

**Note: Allow an additional ±2% of reading for calibration gas cylinder. With ABC enabled, allow 3 weeks for stabilization.*

Find out more
www.honeywellanalytics.com
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