

Integrated CO2 Temperature & Humidity Transmitter

Model
IBI-ACT



Specifications

Device Type	Integrated CO2 Temperature & Humidity Transmitter	
Model #	IBI-ACT	
Power consumption	0.3W (24VDC)	
Power supply	10~30V DC (Average current <85mA)	
CO2 measurement range	0 ~ 5000ppm (default) Optional: 0 ~ 2000ppm 0 ~ 10000ppm	
Accuracy	0 ~ 5000 ppm : $\pm(50\text{ppm} + 3\% \text{ F}\bullet\text{S})$ (25°C) 0 ~ 10000 ppm : $\pm(50\text{ppm} + 5\% \text{ F}\bullet\text{S})$ (25°C)	
High Accuracy	0 ~ 5000 ppm : $\pm(45\text{ppm} + 3\% \text{ F}\bullet\text{S})$ (25°C) 0 ~ 10000 ppm : $\pm(45\text{ppm} + 5\% \text{ F}\bullet\text{S})$ (25°C)	
System warm-up time	2min(available), 10min(maximum accuracy)	
Response time	Typically less than 90s at 90% step change	
Stability	<2%F-S	
Non-linearity	<1%F-S	
Resolution	1 ppm	
Temperature Measurement Range	-40°C~+80°C	
Accuracy	$\pm 0.5^\circ\text{C}$ (25°C)	
Resolution	0.1°C	
Humidity Measurement Range	0~100%RH	
Accuracy	$\pm 3\% \text{ RH}$ (60%RH,25°C)	Operating Environment -20°C~+60°C, 0%RH~95%RH Non-condensing
Resolution	0.1%RH	
	Data update time	2s



44mm



110mm

85mm



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