

KIUMI Transmitter (CO2/Temp./Humi.)



Temp/RH/CO2 specifications

• Relative humidity

Sensor	Planar Capacitive Polymer
Range	0 to 100%RH
Accuracy (@ 25°C)	±2.5% (30~80%RH)
	±4.0% (0~30,80~100%RH)
Resolution	0.1% RH

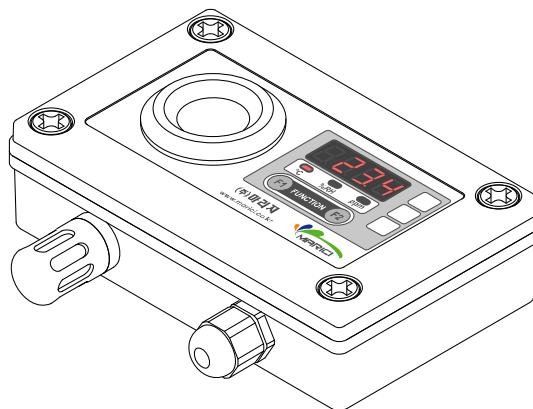
Temperature

Sensor	Integral PTAT Silicon Transistor
Scale	-20°C to 100°C
Accuracy	±0.5°C (20~60°C)
	±1.0°C (0~20, 60~100°C)
Resolution	0.1°C

CO2(referred to Basic Model)

Sensor	NDIR
Scale	0 to 5000ppm
Accuracy	±50ppm, +/-3%(reading)
Operating Condition	0~95%RH(Non-Condensing) 0~50°C (Standard)
Resolution	1ppm

Dimension



Case Size : 13 x 8 x 3.5 (cm, W x L x H)

Feature

- Measurement CO2 Concentration, Temperature and Humidity at same time
- Rigid Case with waterproof and vaporproof
- 1CH analog output among three Sensors (4~20mA or 0~5V)
- RS-485 / Modbus Protocol
- CO2 Calibration function is equipped

Model

- KIUMI-100D : CO2
- KIUMI-200D : HUMI/TEMP
- KIUMI-300D : CO2, HUMI/TEMP.