



Multi-gas Detector MTG300-08

Features

1. With high sensitivity, fast response and effective Water vapor resistance, high stability, service life Longevity and other characteristics.
2. Using high-precision data acquisition chip, advanced manufacturing process and surface mount technology to ensure the measurement data is accurate and reliable.
3. Suitable for most general environmental sensing and monitoring Complete parameters and accurate data.
4. Monitoring parameters, can be customized according to requirements, up to 5-6 parameters (including air temperature, air humidity degree, CO₂ concentration, CO concentration, formaldehyde, oxygen, PM_{1.0}/2.5/10.0, atmospheric pressure, volatile organic compounds, air quality, etc)

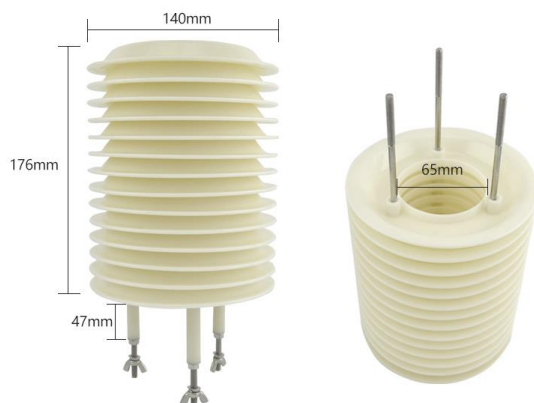


TECHNICAL SPECIFICATION

Item	Technical Specification		
	Range	Resolution	Accuracy
Temperature	- 30°C ~ 70°C	0.1°C	±0. 2°C
Humidity	0 ~ 100%RH	0.1%RH	±3%RH
Illuminance	0 ~ 200K Lux	10 Lux	±5%
Dew point temperature	- 100°C ~ 40°C	0.1°C	±0. 3°C
Air pressure	600 ~ 1100hPa	0.1hPa	±0.5hPa
CO ₂	0 ~ 5000ppm	1ppm	±75ppm + 2%rdg
Civil CO	0 ~ 500ppm	0.1ppm	±2%FS
PM1.0/2.5/10	0 ~ 1000µg/m3	1µg/m3	±3%FS
TVOC	0 ~ 5000ppb	1ppb	±3%
CH ₂ O	0 ~ 5000ppb	10ppb	±3%
O ₂	0 ~ 25%VOL	0.1%VOL	±2%FS
O ₃	0 ~ 10ppm	0.01ppm	±2%FS
Air quality	0 ~ 10mg/m3	0.05 mg/m3	±2%FS
NH ₃	0 ~ 100ppm	1ppm	±2%FS
H ₂ S	0 ~ 100ppm	1ppm	±2%FS
NO	0~250ppm	0.1ppm	±3%FS
NO ₂	0 ~ 20ppm	0.1ppm	±2%FS
Odour	0 ~ 50ppm	0.01ppm	±2%FS
SO ₂	0 ~ 20ppm	0.1ppm	±2%FS
Cl ₂	0 ~ 10ppm	0.1ppm	±2%FS
Civil gas	0 ~ 5000ppm	50ppm	±3%LEL
Supply	12-24VDC		
Output	RS485		
Warm Up Time	3min		
Response Time	<1s		
Stability	<±1%FS		
Repeatability	<±2%FS		
Operating Temperature	-20°C-+60°C@15-80%RH		
Storage	-40-70°C@20%-90%RH		
Shell Material	ABS		

DIMENSION

Unit : mm



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