

GM33/GM34

CO Transmitter for Wall / Duct Type



APPLICATIONS

Features

- Electrochemical Sensor with a long life, good long term stability and high accuracy.
- It has lower sensitivity to interferant gases.
- High repeatability.

Applications

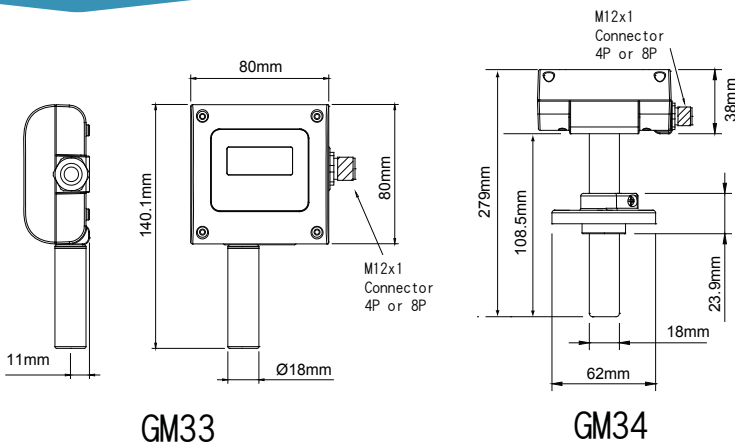
- Monitoring for HAVC / Air conditioning system
- Instrument testing equipment.
- Environmental control and monitoring system.
- Ventilation system control for indoor parking garages and building.

※ Application for environmental monitoring only.
Not for CO industrial environmental and life support system.



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Installation	Input	Output	Power Supply	CO Range	Option	Option	Option	Option
33 : Wall-mounting 34 : Duct-mounting	1 : CO	1 : 4~20mA 2 : 0~20mA 5 : 1~5V 6 : 0~0V 7 : 0~5V 8 : 0~1V N : non	1 : 12~30VAC or 8~35VDC	1 : 100 PPM 3 : 300 PPM 5 : 500 PPM N : non	0 : Analogue 1 : RS-485 2 : RS-485 & Analogue	M : M12x1 connector (analog or RS-485) Q : M12x1 connector (analog + RS-485)		

DIMENSION



TECHNICAL SHEET

Sensor type Electrochemistry CO Sensor
 Measuring range on request
 Working range 0~500PPM
 Output 0~20mA ; 4~20mA ; 0~1V ; 0~5V ; 0~10V ; 1~5V
 RS-485 ; RS-485 & Analogue
 Signal Connection 3-wire
 Linear accuracy(at 25±2°C, 40±10%RH)
 ±3% of F.S.(best zero-point)
 Sensitivity <±10 ppm of measured value
 Load resistance Ω ≤ 500Ω for 4 ~20mA
 ≥ 10 KΩ for 0 ~10V
 Output calibration factory software calibration
 Response time(T90) 60 sec.
 Media measured non-aggressive gas(HAVC system)
 Media temperature 0~50 °C
 Working temperature 0~50°C
 Working humidity 5~95% (non-cond.)
 Storage temperature -10~60°C
 Tolerance of zero-point <± 10 ppm
 Power supply 12~30VAC / 8~35VDC
 Current consumption DC24V:60mA;DC12V:180mA
 AC24V:140mA;AC12V:230mA
 Electrical connection M12
 Installation Wall-mounting / Duct-mounting Flange
 Way to fix Screw on base
 Protection degree Housing: IP65 ; Sensor: IP20
 Electrical protection Polarity protection / short circuit
 Certification CE passed
 Housing PC(Fire-proof class)
 Weight GM33 :162g ; GM34 : 205g

CONNECTION DIAGRAM

