● CO_2 Module : Model SH-300-DC(Dual sensor)

1. Application

- CO_2 Control for Indoor Air Quality
- CO_2 Measuring for Ventilation Control
- CO_2 Control for Building, Hospital, School
- CO_2 Control for Air cleaner, Air conditioner.
- Mushroom Control, Boiler Control

2. Technical Specification

Measuring Type	Non-Dispersive Infrared (NDIR)
Measuring Range	0 ~ 3000ppm or 0 ~ 5000ppm
Accuracy	±2% ppm (0~3000ppm) @10 ~ 50℃
Response Time	0 ~ 80% < 30sec
Signal Update	Every 2.0 Seconds
Warm-Up Time @25℃	< 90sec
Operating Condition	0 ~ 50℃, 0 ~ 95%RH Non Condensing
Keeping Condition	-40℃ ~ 70℃
Output	Analog : 0~3VDC (0~3000ppm) [CN2]
	UART : Default 9600bps (@9600 ~ 115200 Baud) [CN1]
Power Input	DC7V ~ 12V Input
	Fixed (Other Made) : 5 VDC Regulated (±4%)
Consumption Current	Peak 150mA, Low 25mA (@5VDC)
Interface	3PIN Header [CN2], 6PIN Header [CN2]
	With 2.54mm spacing
	Molex 5267 included
Size	(W)65mm x (H)45mm x (D)18mm