Prochista

Smart Technology

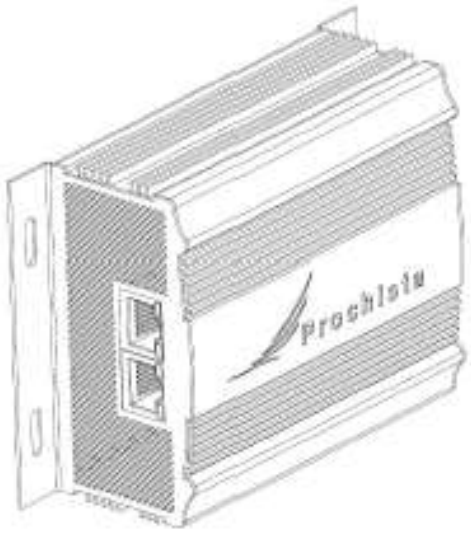
CO2 Level Sensor

(Ethernet)

Part No. PCT-EH05DCO0254

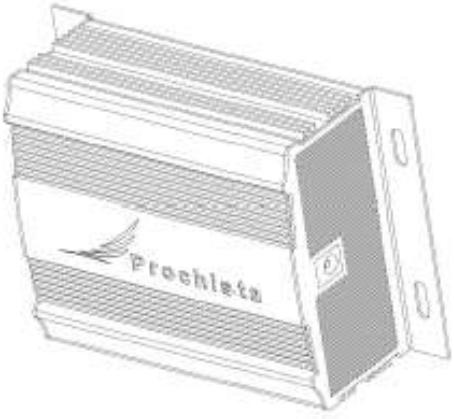
Document No. 971105254-1/1

This sensor enables your monitoring system to monitor a location for the level of CO2 gas in ppm. Using SNMP, ModBUS TCP and RestAPI this sensor can be integrated with many different tools such as Schneider, Emerson, Prochista DCM, IO, Nlyte, iTracs, HP OpenView, IBM Tivoli, CA, BMC, Modius, MRTG, Cacti, Nagios, Zenoss, ManageEngine, Ipswitch WhatsUp, Paessler PRTG, Solarwinds & more ...



Features:

- The unit has a built-in web server that you can access to configure, read sensor data, and define alerts.
- The unit can operate with PoE power supply for easy installation. Also you can use external 48VDC power supply if you don't have PoE enabled switch on the site.
- 2 internally bridged LAN interfaces for ring network configuration (without using network switch).
- Design for wall mounted and rack mounted installation.
- Built in calibrated air flow system which provide accurate measuring.



Specifications:

Electrical	
External power supply	48 VDC (± 10%)
Input Current	Max 30 mA
Power consumption	Max 1500 mW
Network	
Protocol support	HTTP, SNMP v1,SNMP v2, SNMP v3, SNMP Trap, DHCP, DNS, ICMP, RestAPI
LAN Interfaces	2 x 10/100 Mbps (Internally bridged)
Power over Ethernet (PoE)	IEEE 802.3af
Max cable length	depending on cable quality up to 100m
Sensor	
Startup time	1 min
Sensor type	Solid Electrolyte Cell
Detectable range	350—10000ppm
Environmental conditions	
Operation Temperature Range	0℃ – 50℃
Operation Humidity Range	55%RH +/-5%RH
Recommended Storage Temperature	-20℃ – 70℃

Configuration

For configuring the unit simply login into unit's webpage, by default the unit boots in static IP mode .The unit's default IP is "172.16.0.1", default Username is "admin" and default Password is "prochista".

Note: For reloading default settings, hold the reset button on power up for at least 3 seconds (reset button is located behind the unit)

Mechanical Dimension