

SARB

Networkable IAQ Room Sensors

Neptronic's SARB networkable room sensor helps you monitor temperature, CO_2, humidity and/or VOC. It includes user interaction options that can be personalized and calculates enthalpy and dew point.

STANDARD FEATURES

- One analog input (**AI1**) readable via network
- One binary input (**BI1**) readable via network
- Two analog outputs (**2 AO**) commandable via network
- Two binary outputs (**2 BO**) commandable via network
- Enthalpy and dew point calculations (available via network)
- Display or hide all the required access for user interaction
- Backlit LCD with simple icon and text-driven menus
- Selectable Fahrenheit or Celsius scale
- BACnet® MS/TP or Modbus (selectable via menu)
- Select MAC address via menu or via network
- Automatic baud rate detection
- Network service port via on-board mini USB connector

MODELS

Models	Temp.	RH	CO_2	VOC
SARB24T	•			
SARB24TH	•	•		
SARB24TGH	•	•	•	
SARB24TGVH	•	•	•	•

neptronic®

PCB OVERVIEW



COM — **(-) Common**

24 Vac/Vdc — **(+) 24Vac**

BO1 COM (ext 24V)

BO1 — Binary Output 1*

BO2 COM (ext 24V)

BO2 — Binary Output 2*

COM

AI1 — Analog Input 1*

COM

BI1 — Binary Input 1*

AO1 — Analog Output 1*

COM

AO2 — Analog Output 2*

A+ / **B-** — BACnet or Modbus (to BMS)

** I/Os commandable via network*