

Single CO2, temperature and humidity sensor

TCO2-25

TCO2-25 is a single CO2, temperature and humidity sensor.

The interface is MODBUS RTU over RS485.

The only supported command is READ_INPUT_REGISTERS (4)

The register map is as follows, and registers a 2-byte long:

| address | value | remarks |
|---------|-------------|--------------------------|
| 0 | status | 0 = not ready, 2 = ready |
| 1 | temperature | In 0.1 degree units |
| 2 | humidity | |
| 5 | co2 | |

The MODBUS speed and address are set pre-order and cannot be changed without opening the box and destroying the ATEX compliance.