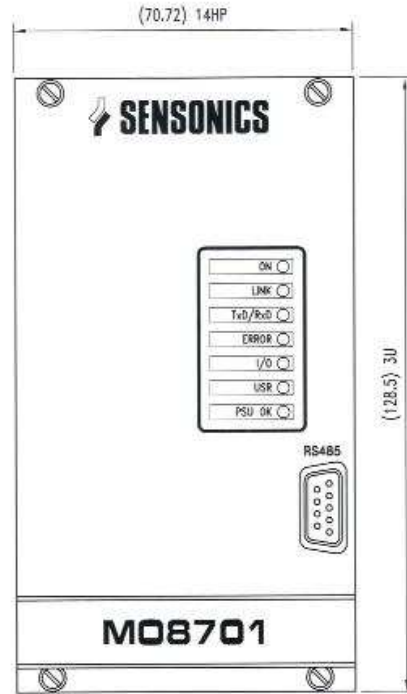




**MO8701 MODBUS/TCP COMMUNICATIONS
RACK MODULE**



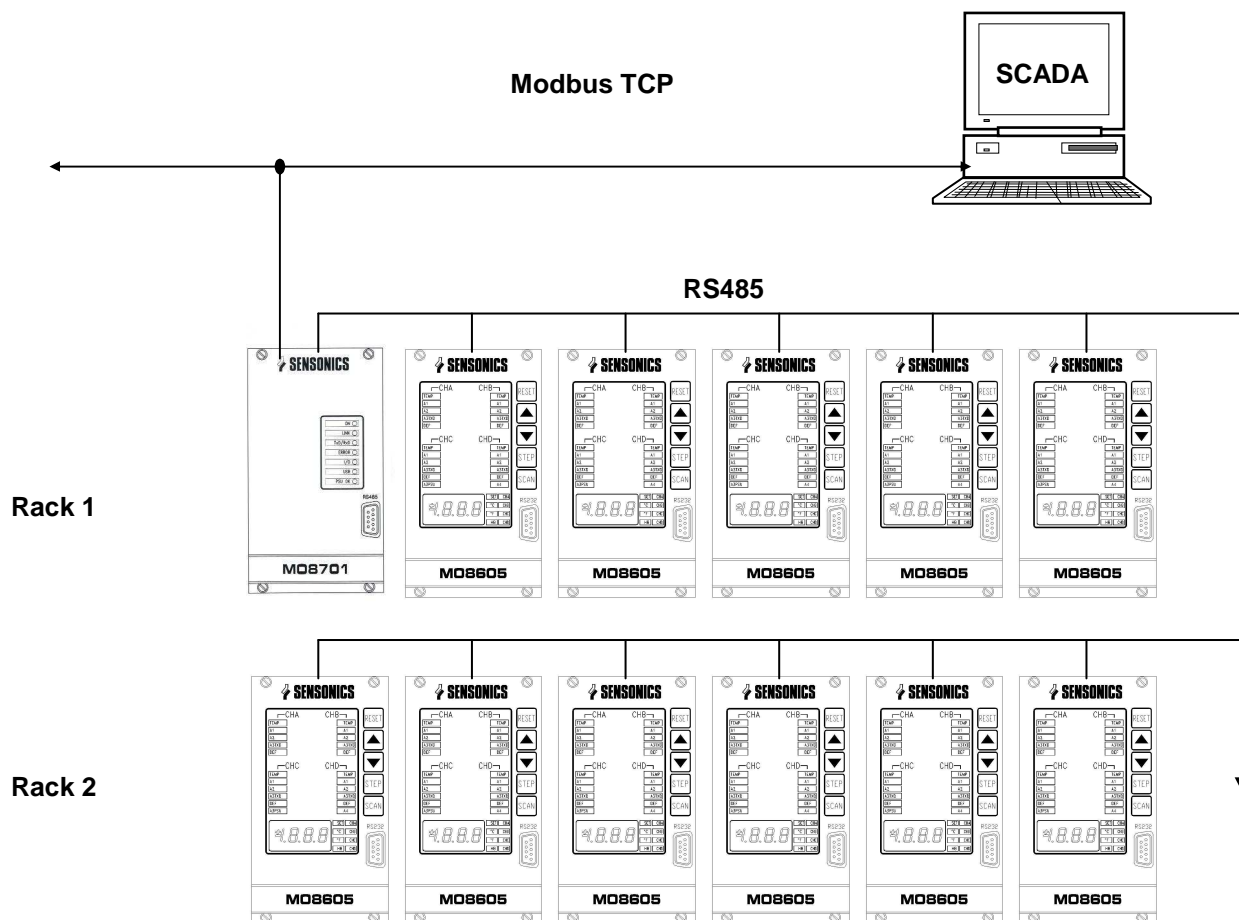
- MODBUS TCP Interface
- Remote Access
- Measurement and Alarm
- Up to 32 Sentry modules
- IP Address Configurable
- Flash Upgradeable
- Configurable Web based viewer
- Password Restricted
- Fits Standard Sentry Rack

The MO8701 is designed to provide remote access via MODBUS TCP to the various measurement and alarm parameters for a suite of Sentry equipment. The communication module fits in to a standard Sentry rack and provides connection for up to 32 Sentry modules through the Sentry RS485 integrated back-plane bus. Multiple racks can be connected to a single MO8701 by daisy chaining the serial port from rack to rack.

The MO8701 communicates to each Sentry module on the RS485 through a unique address set up on each module via the configuration software. The module behaves as MODBUS TCP Slave on the SCADA network and effectively maps the measured parameter values and alarm status to the appropriate Modbus variable. The unit can be supplied to offer other communication standards such as Profibus, DeviceNet etc.

The module contains a powerful webserver, which can be configured to offer a dynamic graphical viewing facility through customised web based design. Standard web browsing software can then be used to remotely access and view the required parameters.

M08701
Network System Configuration



TECHNICAL SPECIFICATION

| | |
|--------------------------|---|
| <u>Power</u> | 24Vdc or Mains (110-240Vac). Power Consumption <50W. |
| <u>Relay Outputs</u> | 1 SPDT, NO/NC. 125Vac, 0.5A. Power alarm. |
| <u>Digital Interface</u> | MODBUS / TCP (UDP) Protocol. Baud Rate 10/100/Mbit/s. Physical Connection RJ45. |
| <u>EMC</u> | EN61000-6-2 Immunity EN50081-2 Emissions |
| <u>Mechanical</u> | Height 128.8mm (3U) Width 70.7mm (14HP) |
| <u>Operating Temp</u> | 0°C to +55°C. |