RECITE

CONNECT USING SDI-12 AND MODBUS PROTOCOLS

SCAN FOR MORE

Interface with any device supporting Modbus RS-485 or SDI-12 protocols and **beaded**stream Digital Temperature Cables (DTCs). Integrates with most conventional data loggers, building automation, and SCADA systems.

RECITE

SPECIFICATIONS

Hardware / Firmware
- Low-power, high performance, industrial microcontroller
- Multi-thread custom embedded OS
- Firmware updates and support provided

Communication
- SDI-12 rev 1.4
- JSON, Modbus ASCII, Modbus RTU over RS-485
- Service monitor over RS-485
- Pre-configurable for your application

Physical Interfaces
- Spring-cage terminal blocks simplify wiring and save time
- 1x Digital Temperature Cable (DTC) connection
- Status LED (red)
- Activity LED (green)
- DIN mountable

Power
- 6 to 40 VDC (max) input [power supply not included]
- Idle Current: 4 mA typical
- Active Current: 70 mA typical (200 mA max)
- 500 mA resettable fuse protection

Operating Range
- -40° C to +85° C (-40° F to +185° F)
- NEMA Type 3/IP54

Weight and Dimension
- 0.09 kg (0.2 lb).
- 10 cm x 11.4 cm x 2.3 cm (4" x 4.5"x 0.9")

Electrostatic Discharge Rating
- Standard model has protection against a peak current of 3A for 8 microseconds
- Optional High electrostatic field protection model for up to 20kA for 8 milliseconds (dry and windy applications including ice shelves)