Tender specifications

- Gateway

IP Gateway, for communication between RS 485 devices and PCs or other devices with an Ethernet (100BaseT) interface and, in conjunction with a LAN modem or DSL router, for remote access to an RS 485 installation. Remote access via SSH and Watchdog functionality for self-monitoring of the operation. Configuration option via temporary Wifi access. Automatic assignment of the Modbus IDs of the connected RS 485 nodes. Power supply via an additionally required external safety voltage source for DC 24 V, with pluggable terminal block for connecting the external voltage source, with integrated bus coupler, with bus connection via RJ45 socket, with Ethernet connection via RJ45 socket, as DIN rail mounted device for mounting on DIN rail.

Manufacturer: SunSniffer GmbH & Co. KG
Product: SunSniffer Gateway

- String Reader

String measuring and communication unit; measures voltage and current as well as energy of the string with a deviation accuracy of 1%. The integrated PLC modem receives data from solar modules via DC line. The received and measured data are transmitted via an RS485 interface. Remote updateable.

Manufacturer: SunSniffer GmbH & Co. KG
Product: SunSniffer String Reader

- Module Sensor

Sensor for integration into a solar module. Measures the voltage of a solar module every 30 seconds with a deviation accuracy of 1% and the temperature of the module every 240 seconds with a deviation accuracy of 1%. An integrated powerline modem sends the data via existing DC wiring to a PLC receiver.

Manufacturer: SunSniffer GmbH & Co. KG
Product: SunSniffer Sensor