

Smart Coupler

Communication Interface for ANSI Based Socket Meters

SC-1A

Features

- Converts Data from Optical Meter Reader Interface to an RS232 Serial Port
- ANSI Type 2 Compatible
- High Speed — Up to 57,600 baud
- Designed for use with Standard Socket Based Revenue Meters
- Works Great with the Nexus 1270!

Description

The SC-1A provides a communications interface for programming and reading ANSI based socket meters using a serial RS232 port. The Smart Coupler has an RS-232 type receiver/ transmitter interface for the PC side, and an optical receiver/ transmitter interface with high-speed communication to the direct optical port at the revenue meter. This advanced converter allows you to take advantage of high end metering capabilities allowing for quicker downloads of large data files.

Specifications

Cable Assembly

Coupler cable assembly consists of a coupler (probe) measuring 1.3" in diameter by 1.5" long, and a coiled retractor type cord that extends to a length of 7.5 ft. The probe is an optical communications link that can be magnetically latched to a register or recorder port for reading or programming.

ON/OFF Switch

Integral to the probe is a power ON/OFF switch that is automatically turned on when the probe is latched to an ANSI Type 2 port on a register or recorder.

Switch Adapter

There is a switch adaptor attached to the probe that can be

used to hold the power switch on for test. It can also be used with some registers and recorders that are configured with a magnetic port that does not automatically activate the probe switch.

Power Supply

The SC-1A obtains operating power from either an internal 9V battery or plug-in supply.

Port Configuration

The SC-1A can be used with personal computers that have a standard RS-232 serial port (9-pin or 25-pin).

Ordering Information

Order Number: SC-1A



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