



## 810-10 ProxnetPro RS-485 Reader

### Data Sheet

#### Overview

The 810-10 Reader is a complete ProxnetPro reader that incorporates the RS-485 interface, microprocessor and circuitry to operate the door strike without any additional components.

This reader offers the convenience of simple installation and is suitable for use where the higher installation security offered by the split installation 812-10 readhead and 822-10 door interface is not required.

The reader is compatible with the CP Series of cards and tags designed to prevent the simple duplication of cards thus enhancing the overall security of the access system.

The reader consists of three parts: a potted unit containing the electronics, a front cover, and an optional spacer plate. A fixed 10 way colour-coded cable protrudes from the back of the potted unit.



#### Specifications

- Power requirements: 9-13.6V dc. Current consumption is 90 mA typical (excluding door strike)
- RF Frequency: 125 kHz.
- Uses CP series cards and tags
- Connects directly to the RS-485 network - protection and line termination are incorporated
- Typical reading range: keyring tag - 60 mm, ISO card - 120mm.
- Reader has 3 LEDs and sounder to indicate polling, access granted and access denied
- Inputs for Exit Pushbutton and Door Switch
- Door strike output capable of switching 2 A - can be configured for either Fail-Open or Fail-Closed locks
- Operating temperature range: -20°C - +60°C.
- 10 way cable: 1m long
- Dimensions: reader 89 x 45 x 16 mm, optional spacer plate 89 x 45 x 7 mm
- IP Rating: IP65
- Weight: 110 grams.
- Housing Colour: Charcoal Grey