

Installation and User Instructions for S820 Readers

The S820-HICLR is a 125kHz proximity card reader that is capable of reading HID® formatted cards, as well as other standard and custom formats.

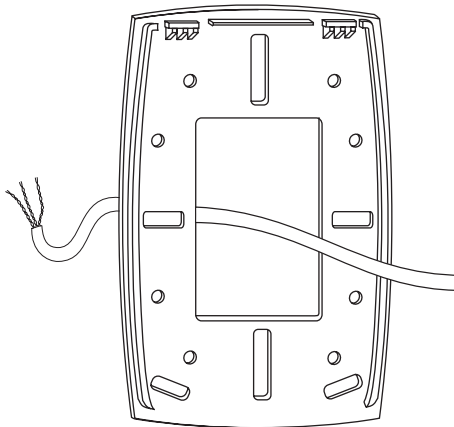
The S820-HICLR uses 20mA current loop communications.



1

Mount the Backplate

You should find that the backplate has suitable holes for connection to most standard electrical backboxes.



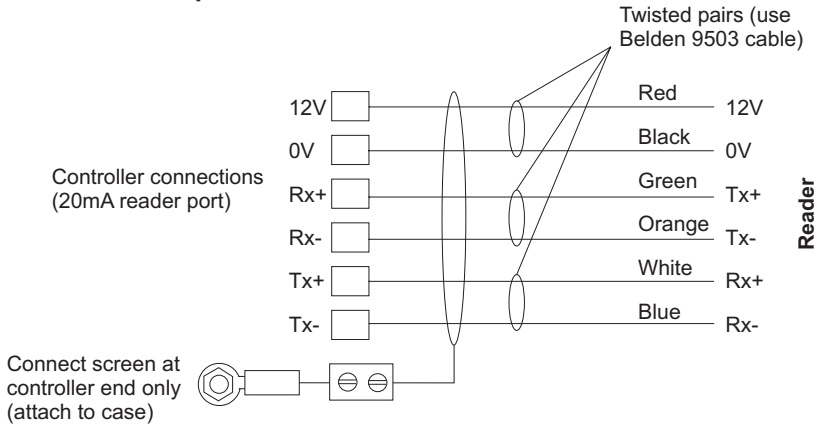
To mount the backplate:

- 1) Detach the main body of the reader from the backplate by releasing the two securing screws along the bottom edge of the reader.
- 2) Mount the backplate adjacent to the opening edge of the door and at a convenient height. Feed the cable to the reader through the backplate.

2

Reader Connections

20mA Current Loop Reader Connections



3

Using the Reader

Present the proximity card face-on to the reader until you hear a "bleep". The maximum read range is typically 4" (10cm). If the green indicator is lit, the card has been accepted and the door is unlocked. If the red indicator is lit, either the card has not been accepted, or you do not have access through the door.

Note: cards can be presented in rapid succession - there is no need to wait for the green or red LED to extinguish before presenting another card.

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FCC Notice: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorised modification to this device may void the authority of the user to operate it.

All trademarks acknowledged.

HID is a registered trademark of HID Corporation.

Specifications

Input voltage: 9-14V.

Input current: 100mA.

Operating temperature: -4 to 150°F (-20 to 70°C) without heater.

Operating humidity: 15 to 90%, non-condensing.

Maximum read range: 4" (10cm).

Approvals: EN50133, R&TTE, IP656.