Open Protocol Readers

3001: The Conlan protocol
3002: The OSDP protocol
(Open Supervised Device Protocol)
3003: The MODBUS protocol

User manual

CE

OPR_manual_ENGsep15

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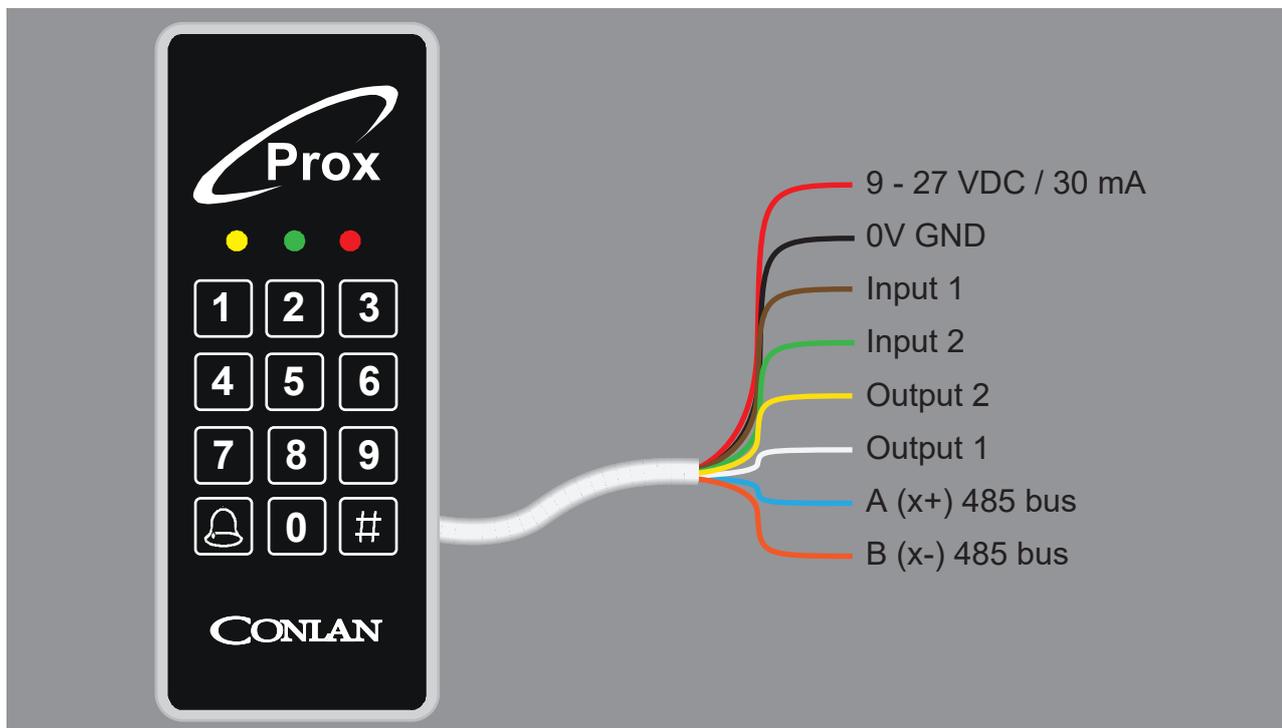www.conlan.eu • info@conlan.eu

Introduction

The Open Protocol readers from Conlan are used mostly as personal identification for access, for processes, for security, for safety etc.

All readers are equiped with a 2,5m 8 core cable.

Installation

Conlan reader options:

All communications to/from the reader over the 485 commands can activate the output (500 mA). (The 2 outputs can be for the door and for the alarm).

The 2 inputs can be used to view the door and the REX button goes through the 485 and from your controller you can manage it all.

Setup

The 3001 Conlan protocol you can have on request - to that there is also a test program. The program is event controlled on Baud rate 19200.

The 3002 OSDP protocol which we manage both for the secure channels with 128 bit AES encrypted, and the not encrypted version. The controller is polling the reader and work on Baud rate 38400. On request you can use a test program.

Available readers with open protocol

CP: Combined keypay and proximity reader (Atmel and Emarine).
CB: Combined keypad and Bluetooh reader.
CM: Combined keypad and Mifare reader.
M: Mifare reader.
P: Proximity reader (Atmel and Emarine).
D: Display for status end event indications.

See the pictures of the different readers on www.conlan.eu.

The Conlan readers works together with different tags/cards as:

EM4102
Atmel
ISO 14443A   Mifare Ultralight, Mifare Plus, Mifare Classic, Mifare Desfire
                  (proximity cards).
ISO 14443B   Pass port, Garman ID cards (proximity cards).
ISO 15693   ICODE, iClass, Skidata (vicinity cards).

Thank you for choosing Conlan's products.

For further assistance, please contact
Our support service.