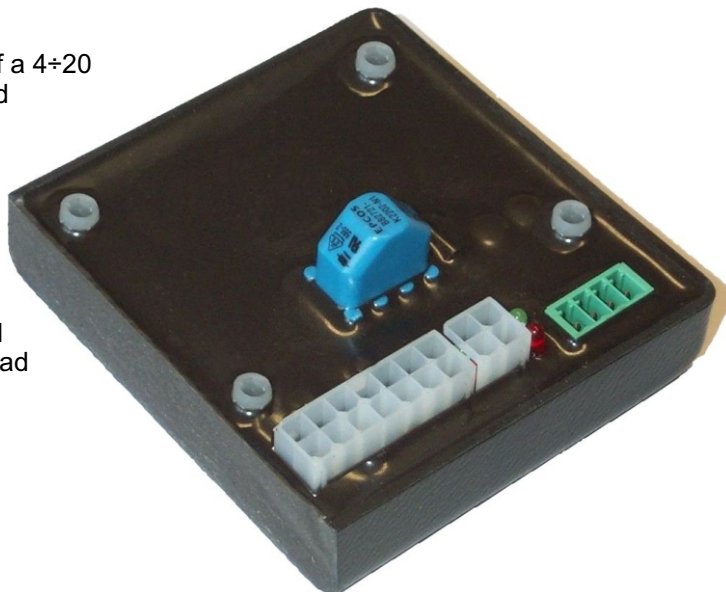


DESCRIPTION

The MDC420 is an electronic card for the acquisition of a 4÷20 mA input and the CAN bus transmission of the acquired data.

This card is dedicated to the reading of a weight sensor (range 0 - MAX kg). It transmits the data according to a particular version of the Scanreco RC400 CANOpen protocol.

Just connect the electronic card as shown below and supply power voltage: the electronic card will start to read the 4-20mA input and transmit the data on the CAN bus.



FEATURES

- supply voltage from 10 to 30 Vdc
- CAN V2.0B communication bus
- 120 Ohm inner terminator
- Two diagnostic LED (red and green)
- firmware updatable by integrated serial port

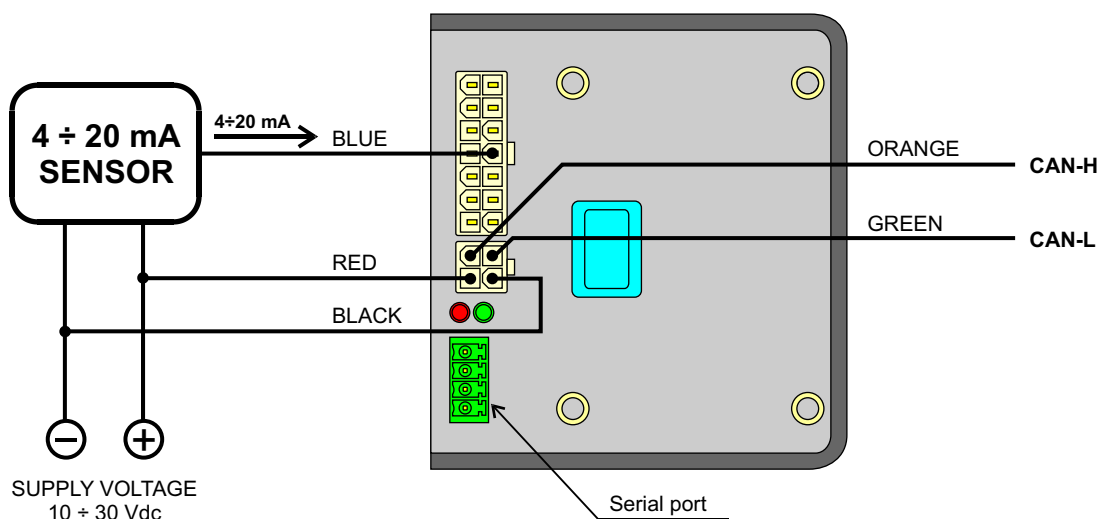
SIGNALS

Green LED flashing: the sensor is not correctly connected to the 4-20mA input of the electronic card.

Green LED On: the sensor is correctly connected to the 4-20mA input.

Red LED flashing 1 time per second: input in protection mode, caused by an input current greater than 22mA

Red LED On: the electronic card is working correctly.



TECHNICAL SPECIFICATION

Supply Voltage	10Vdc ÷ 30Vdc
Current absorption	200 mA
Working Temperature Range	-20 ÷ +70 °C
CAN bus specifications	CAN v. 2.0B
Overall dimensions	85 x 87 mm
Drill interaxis	61 x 44 mm (n.4 holes ø3 mm)