



# CANCO2

*The machine control interface solution*

- ✓ 2 CAN interfaces
- ✓ 1 QUADRATURE channel
- ✓ 2 digital INPUTS
- ✓ 2 digital OUTPUTS
- ✓ 2 SERIAL ports

- ✓ High compatibility
- ✓ 2.7" display
- ✓ Webfront
- ✓ Full galvanic isolation
- ✓ Small sturdy housing



The CANCO2 was designed to tackle all machine control interface challenges. It completes our machine control product range by bringing all sensor data to the controller via one ethernet interface.

We believe that using ethernet as a single connection to the user interface controller allows to build the most flexible and reliable Machine guidance setup. For this purpose we designed the CANCO2. It enables you to bring all sensor data to your controller over a single ethernet interface. All ports on the CANCO2 can power the connected sensors for easy of wiring. The quad channel can be used to interface a flow meter, slew wheel or any other quadrature generating sensor. The digital I/O is perfect for interfacing pushbuttons as found on the joysticks or can be used to read the reverse signal on a dozer. The digital outputs can be used to connect warning lights, fill indicators etc. The COM ports can be used to connect a GNSS receiver to the Machine guidance setup.

The ethernet port has 24V POE available. This enables you to connect a WiFi access point directly to the CANCO2. This provides a wireless wifi connection from the controller to the sensors installed on your machine.

#### CAN interface :

- Fully galvanic isolation
- Isolated 24V power supply
- 20W per bus
- Supported baudrates :

#### SERIAL ports :

- Power is available on PIN 9
- Supported baudrates
- Supported settings

#### QUADRATURE channel :

- Supports NPN & PNP mode
- Supports Z referencing
- 24V power available on connector

#### Digital OUTPUTS :

- Two fully galvanic isolated outputs
- Max open contact voltage :30V
- Max current 0.5A
- 24V power available on connector

#### Ethernet :

- 10/100 Mbit
- 24V POE

#### Digital INPUTS :

- Will switch from 10-30VDC
- 24V power available on connector

#### Supported IP protocols :

- UDP multicast
- TCP/IP

#### Back connections :

- 1x 10-30 VDC power input
- 2 x 9P D-SUB female (COM1&2)
- 1 x RJ-45 (ethernet)
- 1 x M12 (DIGITAL I/O)
- 1 x M12 (QUADRATURE)
- 2 x M12 (MC CAN)

#### Mechanical :

- 149mm x 172mm x 55mm
- Weight : 880 gram

#### Power characteristics :

- Wide input : 10-30VDC