

HOTRACO HELPS



CAN-IO-LCA(D)

CAN-IO module for
loadcells

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CAN-IO-LCA(D)


In- / output module for loadcells

General




The CAN-IO-LCA is a loadcell amplifier suited with two analogue inputs which can be used for a maximum of 8 loadcells. The module is available in two versions, with display (CAN-IO-LCA-D) or without display (CAN-IO-LCA). Measuring the strain on the loadcell the CAN-IO-LCA converts the signal and is passed on via the CAN-Local to the Orion computer. Furthermore the CAN-IO has additional in- and outputs which can be freely programmed depending on the Orion computer. Multiple CAN-IO-LCA 's can be connected by using the CAN-Local to a maximum of 16 pieces.



2 Analogue Inputs


Loadcells (max. 8) 

2 Digital Inputs

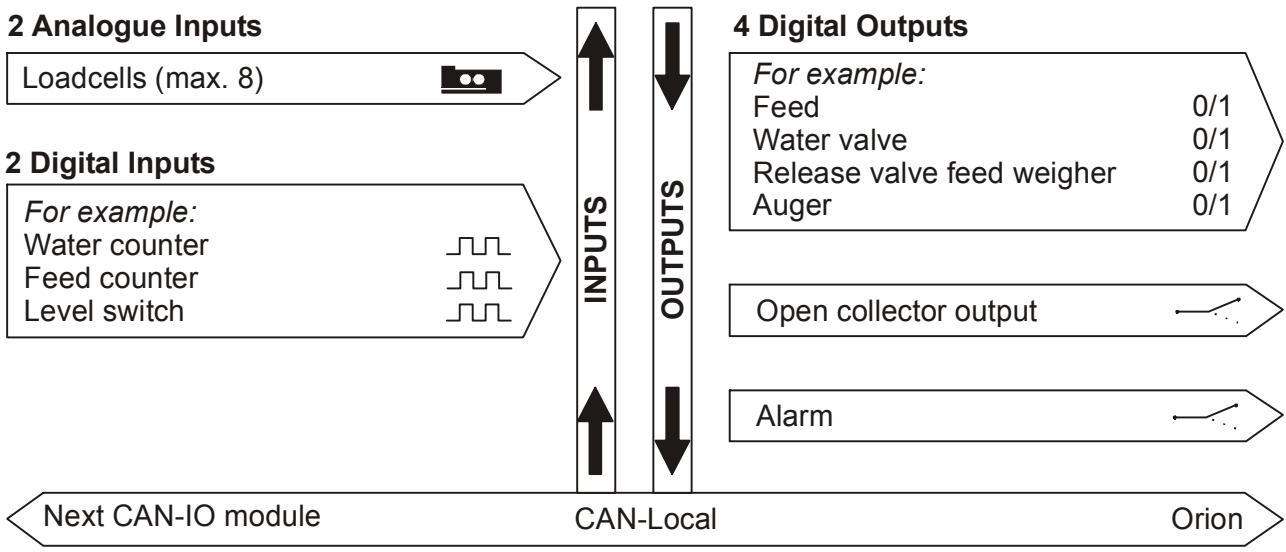
For example:
 Water counter 
 Feed counter 
 Level switch 

4 Digital Outputs

For example:
 Feed 0/1
 Water valve 0/1
 Release valve feed weigher 0/1
 Auger 0/1

Open collector output 

Alarm 



Technical specification

Electrical

Power supply	: 230 Vac \pm 10%, 50/60 Hz
Power consumption	: max. 10 VA
Fuse main current	: T 100 mA (dim. 5 x 20 mm)

Analogue inputs (2)

Loadcells	: Passive loadcells (min. 350 Ω) max. 8 loadcells spread over both inputs
Bridge voltage	: 5 Vdc max. 100 mA

Digital inputs (2)

Counter	: NPN / PNP sensor 12..24 Vdc 8mA max. 10 Hz
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Digital outputs (4)

Relay output K1...K4	: 0,5 A, 230 Vac
Alarm relay	: 0,5 A, 24 Vac/dc

Complies with EC directives

EMC	: 2004 / 108 / EC
Low tension	: 2006 / 95 / EC

Power Supply 24 Vdc

Supply	: 24 Vdc / max. 140 mA -30% +10%
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Communication CAN-Local

Protocol	: CAN-Local
Maximum length	: 500 meters @ 100 Kbs

Mechanical

Operating temperature range	: 0...40 °C
Dimensions (H x W x D)	: 220 x 168 x 110 mm
Encasing	: IP 54 synthetic
Weight	: approx. 2 kg