

CAN-IO-LCA(D) • module for loadcells



The CAN-IO-LCA(D) is a loadcell amplifier equipped with two analogue inputs which can be used for a (max. 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(D) 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(D) 's can be connected by using the CAN-Local to a maximum of 16 pieces.



Stationsstraat 142
5963 AC Hegelsom
The Netherlands

T +31 (0)77 327 5020
F +31 (0)77 327 5021
info@hotraco-agri.com
www.hotraco-agri.com

Hotraco Agri is a globally operating supplier of innovative computerized systems for use in the pig and poultry sectors specialised in creating and maintaining an optimum indoor climate. Hotraco Agri's main focus is on the development and manufacture of customized computers that regulate, control and monitor the overall animal house system. From climate control and air conditioning, feed and water control, animal weighing, egg counting to fire safety. Over 100 employees serve customers on all continents with innovative and technically advanced systems. The fact that Hotraco Agri has its own R&D and development department means that it is ALWAYS able to deliver customized products and develop problem-specific solutions.

Helpdesk 24/7

Hotraco's helpdesk and service centre is available 24/7. Our team has the possibility to monitor and control our clients' systems, wherever in the world, via state of the art ICT technology.



TECHNICAL SPECIFICATIONS

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

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

Digital inputs

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

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)	243 x 192 x 117 mm
Encasing	IP 54 ABS synthetic
Weight	approx. 2 kg