



digsy[®] ICN-V

Rugged, compact CAN-node-module e.g. for controlling hydraulic components, to be used in decentralised control concepts

The modular *digsy*[®] ICN-V node family features a high I/O-density and an excellent price/performance ratio. Due to its mechanical construction and its high protection class it is suitable to be mounted directly at the chassis. The electrical attributes have been aligned especially to the needs of hydraulic components. Particularly the direct control of proportional valves is possible.

Technical data

Configurable inputs

- 4 digital inputs, separately configurable as 0...10V or 0...20mA analog inputs

Configurable outputs

- 8 digital outputs, max. 4A, separately configurable as digital inputs. 4 of them are also configurable as counter inputs or 2x AB-counter inputs.
- 8 PWM-outputs with current regulation, max. 4A, separately configurable as digital inputs or outputs.
- Outputs are protected against short circuit/overload and can be connected in parallel
- Max. load of 20A per 8 outputs
- 2 voltage outputs (operating voltage), max. 0,1A

CANbus-Interface

- High speed CANbus-Interface with CANopen Protocol
- Baudrates: 20 kBit/s...1 MBit/s
- Integrated CANbus T-connector

General

- Operating voltage: 8...32V
- Operating temperature: -40°C...+85°C
- Aluminium housing with Goretex filter, rockfall and saltwater resistant
- Shock and vibration proof
- EMC-proof according to automotive norms
- Environmental protection according to IP66k
- Dimensions: 186mm x 160mm x 70mm

Order codes

digsy[®] ICN-V

Single subunit version	4885.29.100
Double subunit version	4885.29.200
Separate subunit without housing	4885.59.121

Accessories

Housing	4885.29.001
Lid	4885.27.011
Connector-set, 55 poles	4305.35.001
Connector with 3m cable, 55 poles	4306.10.001

OEM versions with data pre-processing, preset CANbus parameters or various CAN-protocols such as J1939, ISObus, CANkingdom, or even proprietary protocols are available on request.

Customised wiring harnesses can be supplied with short lead time, at low costs.

Please ask also for the *digsy*[®] ICN-D64, *digsy*[®] ICN-D32 and other members of the *digsy*[®] ICN family.