



## *digsy*<sup>®</sup> ICN-D32

**Rugged, compact CAN-node-module for decentralised control concepts, to be used e.g. in a cockpit or control cabinet.**

**32 configurable I/O's**

The modular *digsy*<sup>®</sup> ICN-D node family features a high I/O-density and an excellent price/performance ratio. It can be used as a part of trendsetting, distributed control concepts in a cockpit as well as in a control cabinet. The selected connectors and the integrated strain relief contribute to decrease the wiring costs dramatically. Status LED's for the I/O's ease the error diagnostics.

### Technical data

#### Configurable inputs

- 8 digital inputs
- 6 analog inputs 0...10V, sep. configurable as digital inputs
- 2 analog inputs 0...20mA
- 4 counter inputs, also configurable as digital inputs or as 2x AB-counter

#### Configurable outputs

- 4 digital outputs, max. 1A, sep. configurable as digital inputs
- 4 PWM-outputs, max. 4A, sep. configurable as digital inputs or outputs
- Outputs are protected against short circuit/overload and can be connected in parallel
- 2 reference voltage sources, 5V, 7.5V, 8.2V, 10V
- 2 current outputs, 10mA, max. load Ohm

#### 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
- Shock and vibration proof
- EMC-proof according to automotive norms
- Environmental protection according to IP30
- Dimensions: 150mm x 90mm

### Order codes

#### *digsy*<sup>®</sup> ICN-D32

Standard version	4885.59.011
Incl. strain relief	4885.59.012
Incl. LED's	4885.59.013
Incl. strain relief and LED's	4885.59.014

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*<sup>®</sup> ICN-D64, *digsy*<sup>®</sup> ICN-V and other members of the *digsy*<sup>®</sup> ICN family.

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