**Features**

- Layer 2, 11 bit and 29 bit (CAN 2.0A/B)
- CANopen master on the module
- DIP switches for address + transfer rate
- Memory card for project backup (optional)
- USB interface for parameterization and diagnostics
- Extensive CAN bus diagnostics possibilities
- Can also be used as CANopen® slave
- Extended ambient temperature

# CAN 300 PRO

The CAN 300 PRO module, for use in an S7-300* from Siemens, enables connection of CAN participants with the automation device.

The module can be plugged into either the central frame or the expansion frame. It supports CAN 2.0A (11 bit) and CAN 2.0B (29 bit) frames with a freely selectable transfer rate from 10 kbps to 1 Mbps.
The CAN 300 PRO can send and receive CAN telegrams in Layer 2 mode. In the CANopen master mode, the data of the CANopen slaves can be processed as a process image table in the PLC.
Use as a CANopen slave is also possible. For standard applications, such as motor control with CANopen, application examples are available. In addition, handling blocks for the SAE J1939 protocol are available.
There are 16 freely settable timers available in the CAN 300 PRO. Each timer can trigger a freely programmable CAN telegram. This means the synchronous protocols widely available in drive and servo control are easy to implement using the CAN 300 PRO.
A DIP switch for setting the transfer rate and station address facilitates commissioning. An optional Micro memory card stores the project. In this way, replacement of the parameterization or the module during servicing can be carried out quickly.
6 LEDs indicate the operating status of the module. There is a USB interface for diagnostics and parameterization.
The CAN 300 PRO also works in the extended ambient temperatures of -25 °C to +60 °C.

**General information**

| | |
|---|---|
| Order number | 700-600-CAN12 |
| Article name | CAN 300 PRO |

| | |
|---|---|
| Scope of delivery | CAN 300 PRO |
| Dimensions (DxWxH) | 116 x 40 x 125 mm |
| Weight | Approx. 280 g |
| Status indicator | 6 LEDs |
| Voltage supply | +5 V DC via backplane bus |

**CAN interface**

| | |
|---|---|
| Number | 1 |
| Type | ISO/DIN 11898-2 CAN High-speed physical layer |
| Transmission rate | 10 kbps ... 1 Mbps |
| Protocol | CAN 2.0A (11 bit)/CAN 2.0B (29 bit) Layer 2 |
| | CANopen Master/CANopen slave |
| | SAE J1939 |

**DeviceNet slave (upon request)**

| | |
|---|---|
| Connection | Connector, SUB-D, 9-pin |

**Configuration interface**

| | |
|---|---|
| Type | USB 1.1 |
| Connection | USB B socket |

**Current draw**

| | |
|---|---|
| Current draw typical | 160 mA |
| Current draw maximal | 190 mA |

**Ambient conditions**

| | |
|---|---|
| Ambient temperature | -25 °C … +60°C |
| Transport and storage temperature | -25 °C … +75 °C |
| Pollution degree | 2 |
| Protection rating | IP20 |
| Approvals | CE |


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Änderungen und Irrtümer vorbehalten