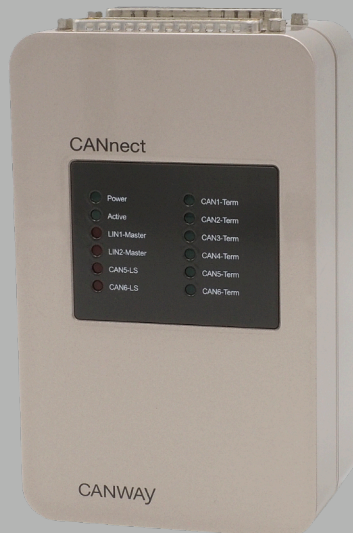


CANnect CAN FD-Extension

CAN FD EXTENSION MODULE FOR CANNECT GATEWAY



CANWAY's CANnect CAN FD-Extension is an extension module for the High Performance Gateway CANnect for CAN and LIN. Following the original and popular CANnect's principles, the module is based on state of the art technology. The device provides several features for advanced operation.

The CAN FD interfaces, with full support of the common protocol standard ISO 11898, is one of the main features of the module. All signals are configured and accessed via the well-known configuration software CW-921. This allows e.g. an assignment to CAN and LIN signals or operation with in-calculation methods.

Typical applications are for example stimulating different test objects in testbenches or integrating new ECUs and sensors, in an existing car's network. Also, the entire system provides extensive capabilities for generating signals and messages, including bus protocols, in order to simulate ECU prototypes. After a configuration has been downloaded to the CANnect Gateway, the device operates stand-alone and in real-time. And it has still got resources left for implementing custom features for your particular application!

FEATURES

- Supported bus systems:
4 x CAN FD
- Common CAN FD standard
- Simulation of ECUs and sensors
- Operates in cooperation with the High Performance Gateway CANnect
- Stand-alone operation in real-time, once the device is configured
- Robust aluminium case
- Full integration to the user-friendly CANnect Configuration Software Environment

CAN FD INTERFACE

| | |
|-------------|--|
| Quantity | 4, galvanic isolated up to 1 kV |
| Type | CAN FD ISO 11898-1:2015 CAN protocol versions 2.0 A and 2.0 B |
| Bitrate | up to 8 Mbit/s, software-configurable |
| Termination | software-configurable independently for each bus |

POWER SUPPLY

| | |
|---------------------|-------------------------|
| Supply voltage | 9 to 36 VDC |
| Current consumption | approx. 300 mA at 9 VDC |

ENVIRONMENTAL CONDITIONS

| | |
|-----------------------------|------------------------------|
| Temperature range operation | -20 °C to +60 °C |
| Temperature range storage | -20 °C to +70 °C |
| Relative humidity | 35 % to 85 %, non-condensing |
| Protection class | IP 40 |

GENERAL INFORMATION

| | |
|--------------------|--|
| Housing | robust aluminium case |
| Dimension (LxWxH) | 140 mm x 87 mm x 54 mm |
| Connectors | 50 pol. D-Sub (female connector) cable available as an accessory customer-specific cables on request |
| Additional options | DIN hat rail mounting on request |

OTHER DEVICES OF THE CW-100 SERIES

| | |
|--|---|
| CW-101 CAN-USB-Interface | CW-131 Optical Transmission for FlexRay™, CAN and LIN |
| CW-102 CAN-Ethernet-Interface | CW-140 Programmable Interface for CAN and LIN |
| CW-106 CANswitch FD | CW-141 Analyzer for CAN and CCP |
| CW-121 CANnect Gateway for CAN and LIN | |