



# CAN-GW100/RS232

## RS232-CAN converter

With the CAN-GW100/RS232, devices with a serial RS232 port can be connected to the CAN bus. Two modes are available for use in CAN and CANopen networks.



**This product is not recommended for new developments.**

### SUPPORTED CANOPEN FEATURES

- 1 x server SDO expedited, non-expedited
- 1 x TX PDO and 1 x RX PDO (static mapping)
- Emergency message, heartbeat producer, NMT slave

### CONTENTS OF DELIVERY

- CAN-GW100/RS232
- Configuration software for Windows
- User manual
- Configuration cable

### TECHNICAL SPECIFICATIONS

Microcontroller	Fujitsu MB90F543
Memory extension	128 k Flash, 6 k RAM, 256 Bytes EEPROM
CAN controller	1 x CAN on-chip, CAN 2.0A, 2.0B
CAN bus interface	1x ISO 11898-2, galv. isolated
Serial port	RS232 (600 to 115200 bits/s), handshake
Power supply	9-36 V, 1.5 W
Certification	CE
Temperature range	-20 °C ... +70 °C
Housing, size	Plastic top hat rail housing 110 x 75 x 22 mm

### HOW IT WORKS

In the CAN mode (layer 2), the received CAN data is transmitted transparently to the RS232 interface. Data sent by means of RS232 is packed in CAN telegrams. One configurable identifier is available for each transmission and reception.

In CANopen mode the CAN-GW100/RS232 works as a CANopen subscriber, where the serial data is saved as a bytestream object in the manufacturer-specific object dictionary range.

Order number

1.01.0033.20000	CAN-GW100/RS232 - DIN Rail, with Galv. Isolation
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