



MCM100 module including connector

Technical data:

Dimensions	w 134 x h 117,5 x d 36 mm
Weight	250 gram
Fixture	screw assembly
Power supply	10 - 32 VDC
Current consumption	70 mA (on 24 V)
Memory	5,3 MByte Flash, 1 MByte SRAM, 2 kByte EEPROM
Interfaces	RS232, 2x CAN ISO11898 (optional: 1x CAN ISO11992), USB (optional)
I/Os	single-channel counter input with 100kHz, 1 alarm in-/output
Test standards EMC, temperature, vibration, shock	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN60068-2-6, EN60068-2-27, EN60068-2-2, EN60068-2-30
Protection rating	IP67 acc. to DIN60529
Operation temperature	-25°C to +70°C
Storage temperature	-40°C to +80°C

We reserve the right to make technical alterations without prior notice. Status: April 3 2009.

H266A1

Designed for machinery and vehicle technology the MCM100 series offers:

Control module

MCM100 is a universal control module with a robust automotive casing. The module features 2 separate CAN bus interfaces.

Ideal clamping technique

For module connection the bus lines are each placed on 2 male multipoint connectors. Thus enables to connect through easily without additional clamping-block.

Real-time clock

For application as datalogger a real-time clock including calendar date and time function is integrated.

USB interface (optional)

A standard USB stick can be used for data storage like data logging of measured values. Thus enables a simple logging on the memory stick as well as the porting of data in *.txt format to PC afterwards. The *.txt data can be easily imported and evaluated by the use of a conventional spreadsheet program (e.g. MS Excel). Alternatively the parameters are also writable by or readable from a binary file.

Gateway function

MCM100 is freely programmable. Thus gateway functions can be realised. By way of example it is possible to receive data via CAN1 with J1939 protocol and to provide required data via CAN0 to other bus subscribers.

In- and outputs

MCM100 offers an in-/output as well as a counter input directly on the module. Other in- and outputs can be created via additional I/O-CAN-modules.

RS232

For the connection of further devices (e.g. printer, modem, bar code scanner...) an RS232 interface is available.

Universal programming

With the help of our editor software ITE the module can be programmed in "C". Our GDS software enables the graphical programming (diagram) of the control.

