



MCM200 module including connector

Designed for machinery and vehicle technology the MCM200 series offers:

Digital I/O module

MCM200 is a digital I/O module which uses CAN bus as network.

Free configuration

By the use of this assembly group different I/O configurations from 4 inputs and 12 outputs up to 12 inputs and 4 outputs are possible.

Robust enclosure

The electronics of the module are protected against environmental conditions like dust and humidity by means of the sealed enclosure according to protection rating IP 67.

Joystick activation

Via 4 additional analogue inputs MCM200 is also appropriate for activation of joysticks. 4 analogue inputs can be used for measurement of an axis of the joystick handhold, also 4 digital inputs for neutral position contacts and other for additional gate inputs which may be integrated on the joystick.

Direct activation of hydraulic valves

The outputs can be actuated up to a current load of 2 ampere, therefore MCM200 can be applied for direct activation of hydraulic valves.

PWM - pulse width modulation

For activation of proportional valves the module offers 4 integrated PWM outputs.

Technical data:

Dimensions	w 134 x h 117,5 x d 36 mm
Weight	250 gram
Fixture	screw assembly
Input resistance	500 ohm (on 0-20 mA)
Supply voltage	10 - 32 VDC
Interfaces	CAN ISO11898
Number of analogue inputs	4 current inputs (0-20 mA / 0-10 V) resolution: 10 Bit
Fixed digital inputs	4 (as counter), 10 kHz
Fixed digital outputs	4 (PWM capable)
Number of digital in-/outputs (switchable)	8, total current 15 A
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
Operating 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.

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