

MOTOMETER

Our MOTOMETER MCA 232

The MCA 232 is more than just a display – it's a tailored companion for your individual requirements. With the ability to integrate up to eight individually selectable indicator lights or six indicator lights and two buttons for adjusting the display view, our product offers you a flexible solution for a variety of applications.

Thanks to support for both the CAN bus and analog inputs, all signals can be displayed on the integrated LCD screen in various formats – whether it's as a bar graph, value field, or even as bitmaps. Explore the versatile possibilities of the MCA 232 now and optimize your processes more efficiently than ever!

Contact us now to learn more about the MCA 232 and find your custom solution: [Contact us now](#)



All key data for our MCA 232:

Basic features

- 1 CAN – input
- 2 switching outputs
- 6 digital inputs
- 3 analogue inputs
- 1 frequency input
- Up to 8 LED indicator lights
- Programmable, high-resolution, monochrome LC-Display
- RGB LCD backlight for status announcement

Main plug

- 20-pin plug (Tyco)
- Plug soldered uprightly on printed board
- Plug TYCO 1-174957-1, socket TYCO 1-173851-1
- Inclusive adjustment and inverse-polarity protection
- Connection clamp 15, 58 and 31
- 6 gate inputs (+ or – switching)
- 1 frequency input
- 3 analogue inputs (U, I, R)
- 1 CAN 2.0 B input

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Further specials

- 1 independent CAN interface support standard SAE J1939
- CAN interface 2.0B; (11-Bit- and 29-Bit-identifier)
- Transfer rate: configurable up to 1 Mbit/s
- Right SMD-LED
- Front foil scratch-resistant back-printed made of polyester front foil in Dead Front design
- PWM activation of control lamps
- Day and night design
- Check control for 3 seconds when switching on

Electrical specifications

- Nominal Voltage: 12 Volt / 24 Volt
- Supply voltage: 8 ...36 Volt
- CAN: 2.0 B (ISO 11898)
- Baud rate: 100 kbit-1 Mbit

Mechanical Data

- Temperature range: -40 up to +85°C
- Protection: short-circuit, overload and pole protected
- Protection degree: IP67 (front); IP40 (rear)
- EMV-compatibility: EN 12895; DIN 40839-1; EN 13309
- Dimensions: installation aperture 80 mm; installati depth 40 mm; blind overhang 3,5mm
- Resistance against oils, hydraulic oils, fats, fuels, alcohol, hard water and all popular biological oils an biological fuels.
- Salt fog and salt spray resistance: DIN 50021 – SS
- Shock resistance: falling (with packaging) from 1m height
- Vibration resistance: 60068-2
- Permanent form-, layer- and deterioration durability against high uv radiance DIN 755220.

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