



## CONTROL ELECTRONICS

# Controller MIO2

The Master Controller - I/O 2 is a high-performance control component designed for demanding drive and automation applications. It combines robust construction with high functional reliability and is engineered for industrial use under defined environmental conditions.

Its compact design and coordinated power supply concept enable reliable integration into existing system architectures.

## Features:

- Input voltage (DC): +24 V
- Input voltage range (DC): 22 V to 26 V
- Dual-channel I/O interface with a wide range of inputs and outputs
- Safety controller for safety functions up to Performance Level d, Category 3 in accordance with DIN EN ISO 13849
- Various communication bus systems, including CAN bus
- Shock resistant up to 250 m/s<sup>2</sup> and vibration resistant up to 30 m/s<sup>2</sup> in the frequency range 10-500 Hz
- Rugged, sealed enclosure (IP65 with mating connectors installed) for harsh operating conditions
- Storage temperature: -40 °C to +85 °C
- Ambient temperature: -28 °C to +50 °C
- Service life: ≥ 20,000 h
- Dimensions: 430 mm x 98 mm x 71 mm
- Weight: 1 kg



### More information:

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