

## CAX0200 Module

CANBUS MODULE FOR READING 2 INCREMENTAL OPTICAL ENCODERS

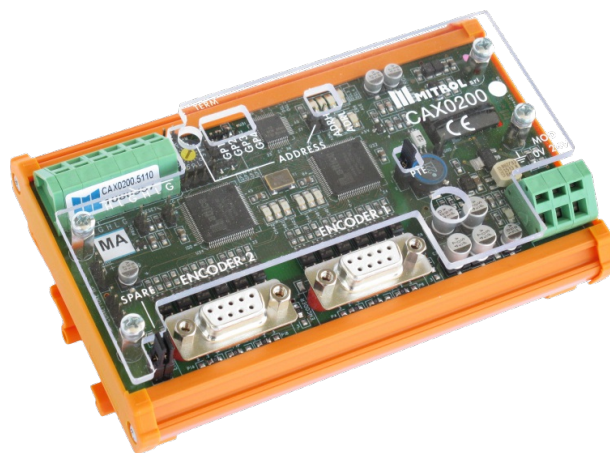
CAX0200 is an open frame CanBus module with CanOpen protocol, which provides 2 incremental optical encoders inputs.

The transducers are directly powered by the module itself with a stabilized, and short-circuit protected power source.

2 groups of spring-cage connectors are provided:

1. 3 connectors; two for module 24 V power supply, and one ground connection
2. 6 connectors for the CanBus line (CANH, CANL e GND\_CAN input, CANH, CANL e GND\_CAN output)

2 female DB-9 connectors are available for encoder connection.



### Technical specifications

Dimensions (H x W x D)	88x136x50 mm
Mounting	Standard DIN rail
Power supply	24 V (18 – 36 V)
Module power consumption	390 mA
Encoder channels	2
Encoder maximum count frequency	150 kHz
Maximum count channels phase-difference	+/- 22 electrical degrees
Optocoupling	Standard on encoder signals
CanBus Baud Rate	125 kbps / 250 kbps / 500 kbps / 1 Mbps
Marking	CE
Operating temperature	0 – 55 °C
Storage temperature	-20 – 85 °C
Storage humidity	85% max non-condensing
CanOpen Standards	DS301