

# MC201

# CanBus to Single-Mode Fiber Converter



### **Features and Benefits**

- Support CAN2.0A and CAN2.0B protocol, conform to the ISO/DIS 11898
- Integrate 1 UTD CAN interface and 1 optical interfaces
- CAN interface supports auto-detect baud rate and user-defined baud rate, the baud rate matches the range of 2.5kb~1Mbps
- CAN interface has electrical isolation protection with 2KVAC isolation voltage
- Port Data Throughput: 1000fps
- Metal casing with IP40 protection
- Support DIN-Rail and wall mounting installation

# **Technical Specification**

MC201 allows you to extend CAN bus communication at distances up to 20 km depending on the type of optical fiber. The converter has an external 5VDC power supply and a wide operating temperature range from -40°C to 75°C which in combination with a metal housing allows it to be used in industrial conditions.

## **Technical Specification**

Fiber Interface

Interface Type: single optical port

Wavelength: 1310nm

**CAN Interface** 

Standards: CAN2.0A, CAN2.0B CAN Signal: GND, CANL, CANH Baud Rate: 2.5K ~ 1000K bps

Port Node: Load capacity supports 110 nodes

Interface Protection: 2KVAC isolation protection, 8KV ESD protection (air discharge)

Interface Type: 5PIN terminals

Transmit Distance:

CAN Interface: 40m~10Km Single-mode Fiber: 0~15Km

**CAN** channel status indicator

LOS: Network error status indicator Power indicator Power: Input Voltage: 5VDC

**Mechanical Structure** 

Shell: IP40 protection grade, high-strength metal casing

Installation: Wall-mount and Panel-mount Weight / Size(HxWxD): 237g / 22mm x 69mm x 10mm

Working Temperature: -40°C ~ 75°C / Storage Temperature: -40°C ~ 85°C

**Industry Standards** 

EMI: FCC Part 15, CISPR(EN55022) class A

EMS: EN61000-4-2(ESD), Lece3

Shock: IEC60068-2-27/Free Fall: IEC60068-2-32 / Shake: IEC60068-2-6



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