

Fiber to Ethernet Converter

Monomode and Multimode

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Industrial Model



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The industrial converters **MCV1-FO-ETH** are designed to convert Ethernet data into fiber optic signals.

This solution is not only cost-effective and efficient but also enables secure long-distance communication, avoiding electromagnetic interference that commonly affects electrical signals in copper cable communications.

GENERAL SCHEMATIC



GENERAL FEATURES

- Operating Mode: Multimode or Singlemode
- Ethernet Port: 10/100 Base TX, RJ45 connector
- Fiber Port: 100 Base FX, ST or SC connector (Multimode)
100 Base LX10, SC connector (Singlemode)
- Fiber Distance: 2 km for Multimode, 10 km for Singlemode
- Transfer Speed: Auto-negotiation at 10/100 Mbps
- Modes: Half/Full Duplex on fiber TX port
- Wavelength: 1300 nm
- Protocol: CSMA/CD, Auto-crossover
- Power Supply: +10 to +30 VDC / max. 200 mA
- Operating Temperature: 0 to 70°C
- Enclosure: Industrial DIN Rail, flame-retardant

ORDERING CODE

MCV1-FO-ETH-ST-MU (**Multimode**) (ST Connector)

MCV1-FO-ETH-SC-MU (**Multimode**) (SC Connector)

MCV1-FO-ETH-SC-SI (**Mono**mode) (SC Connector)



GESTION DE LA CALIDAD

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IRAM-ISO 9001:2015