

# MEG2-0201-M Series

Compact Industrial Media Converter

- 1\*10/100/1000Tx + 1\*1000X, 12-48VDC Power Input



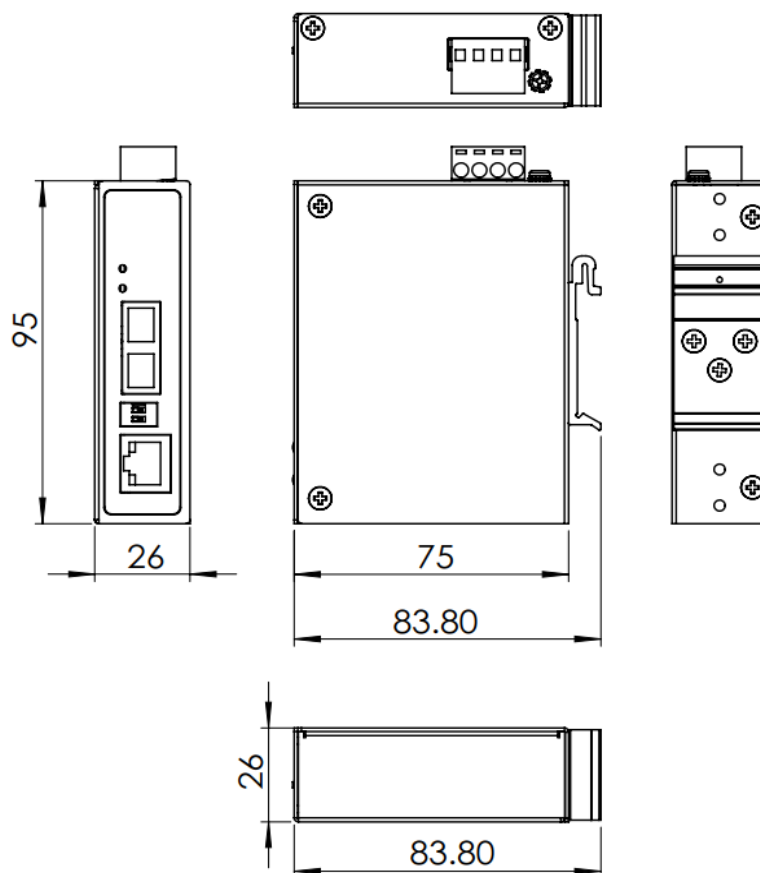
## Feature

Gigabit 

- 1-port 10/100/1000Tx Gigabit Ethernet
- 1-port 1000X SC/ST Connector (Multi/Single-Mode)
- Selectable Link-Fault-Pass Function Support
- Compact Design to Solving Space Constraint Installation
- Redundant Power Input Design, 12-48VDC
- IP30 Rugged Metal Case Design
- Supports DIN-Rail Mounting and Wall Mounting
- Tested at Heavy Industry EMS Level for the Best Electro-Magnetic Susceptibility
- Operating Temperature Range - STD: -10°C ~ 70°C, EOT: -40°C ~ 80°C



## Dimensions (unit = mm)



# Specifications

## Technology

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X Gigabit Fiber
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Processing Type	Store and Forward
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Protocol	CSMA/CD
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Flow Control	IEEE 802.3x flow control, back pressure flow control
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## Switch Properties

Memory Buffer	1Mbits
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Jumbo Frame	10Kbytes
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MAC Table size	8K Mac Addresses
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## Interface

RJ45 Ports	1*10/100/1000BaseT(X), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
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Fiber Port	1*1000X SC/ST type connector Multi-mode - 50/125um or 62.5/125um, Single-mode - 9/125um or 10/125um
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LED Indicators	Power (PWR): On/Off Fiber Port (GFX): On-Link/Flash-data transmitting Ethernet Ports: On-Link/Flash-data transmitting
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Wavelength	Depends on Fixed Fiber modules
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## Power Requirements

Input Voltage	12-48VDC, Redundant Input
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Overload Current Protection	Present (Slow-Blow Fuse)
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Power Connection	1 removable 4-contact terminal block
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Reverse Polarity Protection	Present
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Power Consumption	2.2Watts
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## Mechanical Characteristics

Housing	Metal, IP30 protection
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Dimensions	26 x 95 x 75 mm (W x H x D)
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Weight	Unit Weight: 0.27kg, Shipping Weight: 0.39kg
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Mounting	DIN-Rail Mounting, Wall Mounting
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## Environmental Limits

Operating Temperature	STD: -10°C ~ 70°C (14°F ~ 158°F); EOT: -40°C ~ 80°C (-40°C ~ 176°F)
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Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
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Ambient Relative Humidity	5 to 95%, (non-condensing)
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## Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A, CE EN 55032 Class A, EN 61000-6-4 Class A
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EMS	CE EN 55024 Class A, EN 61000-6-2 Class A, IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
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Free Fall	IEC60068-2-32
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Shock	IEC60068-2-27
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Vibration	IEC60068-2-6
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<b>Green</b>	RoHS Compliant
<b>Safety</b>	UL 61010-1, UL 61010-2-201
<b>Compliance</b>	NEMA TS2 (ITS) – EoT version
<b>Warranty</b>	5 Years

Due to continuous improvement, all product specifications are subject to change without further notice.

## Ordering Information

<b>MEG2-0201-M</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Multi-mode, 550m/850nm)
<b>MEG2-0201-M-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Multi-mode, 550m/850nm), Extended Operating Temperature: -40°C to 80°C
<b>MEG2-0201-ST</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Multi-mode, 550m/850nm)
<b>MEG2-0201-ST-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Multi-mode, 550m/850nm), Extended Operating Temperature: -40°C to 80°C
<b>MEG2-0201-S1</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 10km/1310nm)
<b>MEG2-0201-S1-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 10km/1310nm), Extended Operating Temperature: -40°C to 80°C
<b>MEG2-0201-STS1</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Single-mode, 10km/1310nm)
<b>MEG2-0201-STS1-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Single-mode, 10km/1310nm), Extended Operating Temperature: -40°C to 80°C
<b>MEG2-0201-S4</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 40km/1310nm)
<b>MEG2-0201-S4-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 40km/1310nm), Extended Operating Temperature: -40°C to 80°C
<b>MEG2-0201-S6</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 60km/1550nm)
<b>MEG2-0201-S6-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 60km/1550nm), Extended Operating Temperature: -40°C to 80°C
<b>MEG2-0201-BAS1</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1310nm/RX1550nm)
<b>MEG2-0201-BAS1-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1310nm/RX1550nm), Extended Operating Temperature: -40°C to 80°C
<b>MEG2-0201-BBS1</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1550nm/RX1310nm)
<b>MEG2-0201-BBS1-T</b>	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1550nm/RX1310nm), Extended Operating Temperature: -40°C to 80°C

\* More optical options upon request

#### Optional Accessories

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<b>HDR-30-24</b>	30W Industrial Din Rail Power Supply, 24VDC
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<b>EDR-75-48</b>	75W Industrial Din Rail Power Supply, 48VDC
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