DATASHEET

Industrial RJ45 to SFP Gigabit media converter







General data

Transmission and reception at 10/100/1000Mbit/s
Operating temperature range from -40°C to 75°C
6KV surge protection on each port
ESD and surge protection
Supports DDMI SFP transceivers
Suitable for DIN rail installation

The LevelOne IGC-0102 media converter is designed for security, transportation and telecommunications applications to extend the reach of your network. Thanks to its versatile design, it can also be used for DIN rails or wall mounting. It is the ideal converter for IP surveillance, traffic monitoring and security applications in critical environments. The IGC-0102 can withstand -40°C to 75°C in harsh environments to ensure a reliable network.

General
Color: Black

Miscellaneous
Data rate Gigabit Ethernet
Fiber Optical Mode Both
Media interface RJ45 to SFP
Manageable No
Grade industrial

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Others
Operating humidity 0%RH ~ 95%RH
Operating temperature -40°C ~ 75°C
Scope of delivery
IGC-0102
Quick Installation Guide
Power terminal block

Physical Specifications
Dimensions (W x D x H) 101 x 65 x 36 mm
Product weight (kg) 0.3

System specifications
Indicator Power
alarm
Link/Act

Fastening DIN rail mount
Port Configuration 1*100/100/1000 Mbps, 1* SFP 1000 Mbps
Energy consumption <5W
Output voltage VDC 12-60
Standards IEEE 802.3 10Base-T Ethernet
IEEE 802.3u 100Base-TX Fast Ethernet
IEEE 802.3z 1000Base-X Gigabit Ethernet
IEEE 802.3ab 1000Base-T Gigabit Ethernet
Wavelength (nm) Depend on SFP fiber optical transceiver

Technical properties	
Construction type	Single device
Gigabit Ethernet	True
Managed	False
Manufacturer	LevelOne
Power over Ethernet	False
Suitable for 19 inch mounting	False

Available variants

ArtNr.	Bezeichnung	Rail mounting possible
IGC-0102	Industrial RJ45 to SFP Gigabit media converter	True

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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