

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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