

DATASHEET

Industrial RJ45 to ST Fast Ethernet Converter Multimode



General data

Transfers data from 10/100Base-TX copper to fiber interfaces
 Multimode fiber optics with ST connector for transmission up to 2 km
 Integrated LFP (Link Fault Pass-through) (LLCF/LLR) technology
 Protection against surges and static charges
 Offers DIN rail or panel mounting
 Operating temperature range from -40°C to 75°C

LevelOne IEC-4002 is an industrial Fast Ethernet media converter with a mini size, rugged aluminium case which providing superb heat dissipation. This converter is designed to be mounted on an industrial standard DIN-rail, as well as on the wall, plus the clearly visible status LEDs provide simple monitoring of port link activity. It also features Link Fault Pass Through in order to alert remote location when link status changes.

Port configuration
 Fast Ethernet RJ45 1

General
 Color: Black

Features
 DIP switch:
 Link Fault Pass Through (LFP) Enable / Disable
 Switch Converter / Pure Converter mode

Miscellaneous
 Data rate Fast Ethernet
 Fiber Optical Mode Multi-Mode
 Media Interface RJ45 to MMF ST

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Manageable No
Grade industrial

Others

Operating humidity 5% RH ~ 95% RH
Operating temperature -40°C ~ 75°C
Scope of delivery IEC-4002,
Quick Installation Guide

Physical Specifications

Dimensions (W x D x H) 59 x 49 x 36 mm
Product weight (kg) 0.09

System specifications

Indicator Power, Speed (TP), Link / Act (TP & Fiber)
Fastening DIN rail mount
Port Configuration 1*10/100 Mbps, 1*10/100 Mbps SC Fiber
Standards IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3u 100-BASE-FX, Fast Ethernet
IEEE 802.3x Flow Control and Back Pressure
Transfer method Store and forward (Default) pass through
Maximum optical output /dBm: (62.5/125um) -20 , (50/125um) -23.5
Maximum optical input/dBm (range): -34
Wavelength (nm) 1310

Technical properties

Construction type	Single device
Distance	2000 m
Fast Ethernet	True
Managed	False
Manufacturer	LevelOne
Number of ports 100 Mbps ST	2
Power over Ethernet	False
Suitable for 19 inch mounting	False
Wave length	1310

Available variants

ArtNr.	Bezeichnung	Rail mounting possible
IEC-4002	Industrial RJ45 to ST Fast Ethernet Converter Multimode	True

Note on Intended Use

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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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