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

This datasheet was created automatically on 06-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Industrial RJ45 to ST Fast Ethernet Converter Multimode

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

This datasheet was created automatically on 06-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Industrial RJ45 to ST Fast Ethernet Converter Multimode

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.

This datasheet was created automatically on 06-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION