# LevelOne RJ45 to SC Fast Ethernet Industrial Media Converter, Multi-Mode Fiber, 2km, -40°C to 75°C

**Brand :** LevelOne

**Product code:** IEC-4001

**Product name :** RJ45 to SC Fast Ethernet Industrial Media Converter, Multi-Mode Fiber, 2km, -40°C to 75°C

10/100Mbps, RJ-45, SC, MMF, 2 km

LevelOne RJ45 to SC Fast Ethernet Industrial Media Converter, Multi-Mode Fiber, 2km, -40°C to 75°C:

LevelOne IEC-4001 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.

- 10/100BaseT to 100Base-FX
- Rugged aluminium case design in a mini size form factor
- 18V-36VAC & 12V-60VDC with polarity protection
- Link Fault Pass through (LFP) function
- Supports switch and pure converter mode
- Surge & ESD protection
- Maximum noise & interference immunity
- 40°C to 75°C (-40°F to 167°F) operating temperature range
- DIN-Rail or panel mount installation

| Network | |
|---|---|
| Maximum data transfer rate * | 100 Mbit/s |
| Converter input interface | 10Base-T, 100Base-TX |
| Converter output interface | 100Base-FX |
| Networking standards | IEEE 802.3, IEEE 802.3u, IEEE 802.3x |
| Ethernet interface type | Fast Ethernet |
| Ethernet LAN data rates | 10,100 Mbit/s |
| Auto MDI/MDI-X | ✓ |
| Auto-negotiation | ✓ |
| Store-and-forward | ✓ |
| Duplex system | Full, Half |
| **Ports & interfaces** | |
| Connectivity technology | Wired |
| Ethernet LAN (RJ-45) ports | 1 |
| Fiber ports quantity | 1 |
| Fiber optic connector * | SC |
| **Performance** | |
| Maximum transfer distance * | 2000 m |
| Fiber mode structure | Multi-mode |
| **Design** | |
| Internal * | ✗ |
| LED indicators | Activity, Power, Status |
| Product colour | Black |
| Housing material | Aluminium |
| Country of origin | Taiwan |

| Design | |
|---|---|
| Certification | FCC Part 15 Subpart B Class A CE EN 55022 Class A FCC Part 15 Subpart B Class A, CE EN 55022 Class A EN61000-4-2 (ESD) Level 3 EN61000-4-3 (RS) Level 2 EN61000-4-4 (EFT) Level 2 EN61000-4-5 (Surge) Level 2 EN61000-4-6 (CS) Level 2 EN 61000-4-8 (PFMF) Level 1 UL508 (Pending) EN 50121-4 (Pending) IEC 60068-2-27 IEC 60068-2-32 IEC 60068-2-6 |
| **Power** | |
| Input voltage | 12 - 60 V |
| Power consumption (typical) | 1.44 W |
| **Weight & dimensions** | |
| Width | 59 mm |
| Depth | 49 mm |
| Height | 36 mm |
| Weight | 90 g |
| **Operational conditions** | |
| Operating temperature (T-T) | -40 - 75 °C |
| Storage temperature (T-T) | -40 - 75 °C |
| Operating relative humidity (H-H) | 5 - 95% |
| **Packaging data** | |
| Package width | 160 mm |
| Package depth | 105 mm |
| Package height | 65 mm |
| Package weight | 260 g |
| Package type | Box |
| **Packaging content** | |
| Quick installation guide | ✓ |

| Logistics data | |
|---|---|
| Harmonized System (HS) code | 85176990 |

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