



# 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		Design	
Maximum data transfer rate *	100 Mbit/s	Certification	FCC Part 15 Subpart B Class A CE
Converter input interface	10Base-T, 100Base-TX		EN 55022 Class A FCC Part 15
Converter output interface	100Base-FX		Subpart B Class A, CE EN 55022
Networking standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x		Class A EN61000-4-2 (ESD) Level 3
Ethernet interface type	Fast Ethernet		EN61000-4-3 (RS) Level 2
Ethernet LAN data rates	10,100 Mbit/s		EN61000-4-4 (EFT) Level 2
Auto MDI/MDI-X	✓		EN61000-4-5 (Surge) Level 2
Auto-negotiation	✓		EN61000-4-6 (CS) Level 2 EN
Store-and-forward	✓		61000-4-8 (PFMF) Level 1 UL508
Duplex system	Full, Half		(Pending) EN 50121-4 (Pending) IEC 60068-2-27 IEC 60068-2-32 IEC 60068-2-6
Ports & interfaces		Power	
Connectivity technology	Wired	Input voltage	12 - 60 V
Ethernet LAN (RJ-45) ports	1	Power consumption (typical)	1.44 W
Fiber ports quantity	1	Weight & dimensions	
Fiber optic connector *	SC	Width	59 mm
		Depth	49 mm
		Height	36 mm
		Weight	90 g
Performance		Operational conditions	
Maximum transfer distance *	2000 m	Operating temperature (T-T)	-40 - 75 °C
Fiber mode structure	Multi-mode	Storage temperature (T-T)	-40 - 75 °C
		Operating relative humidity (H-H)	5 - 95%
Design		Packaging data	
Internal *	✗	Package width	160 mm
LED indicators	Activity, Power, Status	Package depth	105 mm
Product colour	Black	Package height	65 mm
Housing material	Aluminium	Package weight	260 g
Country of origin	Taiwan	Package type	Box
		Packaging content	
		Quick installation guide	✓

**Logistics data**

Harmonized System (HS) code 85176990



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Publication date: 25-MAR-2024. Prints or copies of Information are only valid on the printed Publication date