

INDUSTRIAL AUTOMATION PRODUCT

51405098-100

TP-LCNP04 PCIe LCN Interface Card

Honeywell 51405098-100 is a TP-LCNP04 PCI Express Local Control Network interface card. It provides the hardware connection between an approved PC platform and the Experion LCN.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion LCN PC node
Part number	51405098-100
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



51405098-100

2

Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Model alias	TP-LCNP04
Host interface	PCI Express
Network function	LCN interface

APTER POWER

3

System Role and Architecture

Honeywell 51405098-100 is a TP-LCNP04 PCI Express Local Control Network interface card. It provides the hardware connection between an approved PC platform and the Experion LCN.

FUNCTION 1

Connects a server or workstation to the LCN

FUNCTION 2

Uses a PCI Express host interface

FUNCTION 3

Carries LCN node communication

FUNCTION 4

Supports the installed Honeywell LCN software

Matched system components

- Approved Honeywell server or workstation
- PCIe slot
- LCN interface cabling
- LCNP4 driver software

APTER POWER

4

Applications and Engineering Context

Experion LCN server nodes

Connects a server or workstation to the LCN

Operator workstation replacement

Uses a PCI Express host interface

PC-node modernization

Carries LCN node communication

LCN interface diagnostics

Supports the installed Honeywell LCN software

TECHNICAL NOTE

Confirm the supported host platform and PCIe slot, preserve node addressing and driver versions, then verify LCN communication after restart.

APTER

5

Engineering Precautions

1

Verify the complete 51405098-100 marking and the assigned Experion LCN PC node position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51405098-100.

3

Use ESD controls and protect the keyed connectors of 51405098-100 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm Approved Honeywell server or workstation and PCIe slot against the approved system configuration.

6

Restore 51405098-100 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for experion lcn server nodes before production release.

MANUFACTURER SOURCE RECORD

Honeywell server and workstation planning guide

TP-LCNP04

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



51405098-100