

INDUSTRIAL AUTOMATION PRODUCT

IC697CMM741

Series 90-70 Ethernet controller

10 Mbit/s IEEE 802.3 Ethernet communications

IDENTITY	VERIFIED VALUE
Manufacturer	General Electric
System family	GE Fanuc Series 90-70 communications
Part number	IC697CMM741
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



2

Technical Specifications

Technical values below are limited to the named General Electric product record.

PARAMETER	TECHNICAL VALUE
Rack occupancy	1 slot
LAN standard	IEEE 802.3 CSMA/CD
Ethernet data rate	10 Mbit/s
Network connector	15-pin AUI D-sub
Supported media	10Base5; 10Base2; 10BaseT; 10BaseF; 10Broad36 via transceiver
Protocols	TCP/IP-SRTP or MMS/OSI software
Software retention	Minimum 6 months without power
Status indicators	MODULE OK; ONLINE

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	IC697 CPU rack
Companion hardware	802.3-compatible AUI transceiver
Field connection	selected Ethernet medium
Primary system function	Connects directly to the IC697 backplane
Controlled acceptance duty	IC697 host communications

3

System Role and Architecture

10 Mbit/s IEEE 802.3 Ethernet communications

FUNCTION 1

Connects directly to the IC697 backplane

FUNCTION 2

Communicates at ten megabits per second

FUNCTION 3

Supports selectable upper-layer communication software

FUNCTION 4

Reports module and network status

Matched system components

- IC697 CPU rack
- 802.3-compatible AUI transceiver
- selected Ethernet medium
- licensed TCP/IP or MMS software

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	IC697 CPU rack
Companion hardware	802.3-compatible AUI transceiver
Field connection	selected Ethernet medium
Primary system function	Connects directly to the IC697 backplane
Controlled acceptance duty	IC697 host communications

4

Applications and Engineering Context

IC697 host communications

Connects directly to the IC697 backplane

PLC-to-PLC Ethernet messaging

Communicates at ten megabits per second

Programming workstation access

Supports selectable upper-layer communication software

Legacy Ethernet-controller renewal

Reports module and network status

TECHNICAL NOTE

Record the rack slot, AUI transceiver, media type, station parameters and loaded communication software before replacement.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC697CMM741 / IC697CMM741 recorded
Physical interface	IC697 CPU rack
Companion check	802.3-compatible AUI transceiver
Functional proof	Connects directly to the IC697 backplane
Application test	IC697 host communications

5

Engineering Precautions

- 1 Verify the complete IC697CMM741 marking and its assigned GE Fanuc Series 90-70 communications position before work.
- 2 Place the connected ic697 host communications process in the approved maintenance state.
- 3 Isolate applicable power and 10 mbit/s ieee 802.3 ethernet communications field energy before disconnecting conductors.
- 4 Record connector, conductor, address, firmware and software identities before removal.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330909-00-25-10-02-00	Related industrial automation product	View Bently Nevada 330909-00-25-10-02-00 page
Siemens C98043-A7106-L1	Related industrial automation product	View Siemens C98043-A7106-L1 page
Bently Nevada 330908-21-35-10-02-00	Related industrial automation product	View Bently Nevada 330908-21-35-10-02-00 page
Bently Nevada 330905-0-25-05-02-IN	Related industrial automation product	View Bently Nevada 330905-0-25-05-02-IN page
Bently Nevada 330903-00-07-10-01-CN	Related industrial automation product	View Bently Nevada 330903-00-07-10-01-CN page
Prosoft MVI56-MCM	Related industrial automation product	View Prosoft MVI56-MCM page
Bently Nevada 330903-00-07-10-01-00	Related industrial automation product	View Bently Nevada 330903-00-07-10-01-00 page
ABB PM590-ETH-1SAP15000 0R0271	Related industrial automation product	View ABB PM590-ETH-1SAP150000R0271 page

MANUFACTURER SOURCE RECORD

GE Fanuc official module data sheet

GFK-0532K; GFK-1005G

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