

IC670FBI001

GE Fanuc Field Control FIP Bus Interface Unit, 24 VDC

CONTROLLED ENGINEERING COPY

Confirm IC670FBI001, 24 V DC station power, network address, bus termination and the configured I/O map before connecting the station to the host.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC670FBI001
Manufacturer part	IC670FBI001
Hardware type	IC670FBI001
System family	GE Fanuc Field Control distributed I/O



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete IC670FBI001 catalog marking and assigned Field Control position before work.
- 2

Place the connected WorldFIP process in its approved maintenance state before disturbing the station.
- 3

Isolate BIU and field power, then confirm a safe condition at the IC670FBI001 terminal block.
- 4

Label and record network conductors, shield, termination and field-power wiring before disconnecting any conductor from IC670FBI001.
- 5

Use ESD controls and protect the module connector, terminal block keying and exposed electronics.

MATCHED HARDWARE

- WorldFIP network
- Field Control terminal block
- Up to eight compatible I/O modules
- 24 V DC station power

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC670FBI001 / IC670FBI001 recorded
Physical interface	WorldFIP network
Companion check	Field Control terminal block
Functional proof	Connects the station to WorldFIP
Application test	WorldFIP bus interface field station

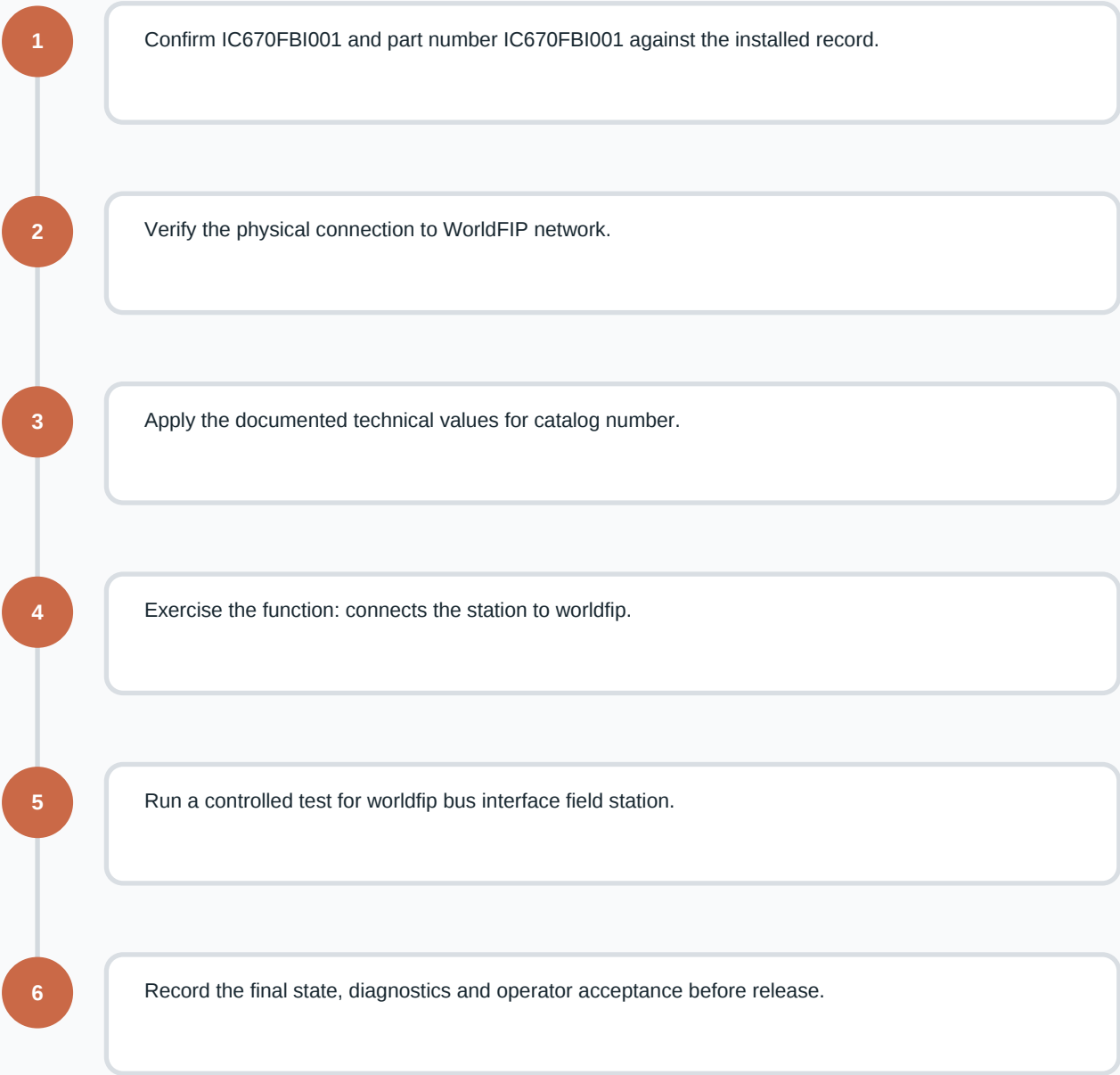
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Catalog number	IC670FBI001
Network	WorldFIP
Input power	24 V DC
Station capacity	Up to 8 Field Control I/O modules
Documented hardware revision	CC
Microprocessor firmware	MPMA1 version 2.01
GENA firmware	GENA1 version 2.0
FIP FDM library	Version 4.3
Configuration protocol	FIP protocol
Configuration records	Rate, time slot, board number and version status

FIELD NOTE

Confirm IC670FBI001, 24 V DC station power, network address, bus termination and the configured I/O map before connecting the station to the host.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC670FBI001 / IC670FBI001 recorded
Physical interface	WorldFIP network
Companion check	Field Control terminal block
Functional proof	Connects the station to WorldFIP
Application test	WorldFIP bus interface field station

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore only the documented station address, data map and module configuration; do not copy settings from an adjacent module.
- ☐
- Energize in a controlled sequence and review PWR, channel, module and network diagnostics.
- ☐
- Complete network communication, module recognition and I/O response tests and retain the final result before returning the process to service.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	IC670FBI001
INSTALLED POSITION	Documented GE Fanuc Field Control distributed I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC660BBA100	Related GE product	View IC660BBA100 page
IC600BF843	Related GE product	View IC600BF843 page
IC200CHS022L	Related GE product	View IC200CHS022L page
IC200ALG430	Related GE product	View IC200ALG430 page
IC200ALG630	Related GE product	View IC200ALG630 page
HE693THM884M	Related GE product	View HE693THM884M page
IC660BBD024	Related GE product	View IC660BBD024 page
IC600CB527L-IC600CB527	Related GE product	View IC600CB527L-IC600CB527 page

SOURCE IDENTIFIERS

GE Fanuc Field Control FIP Bus Interface Unit Important Product Information
GFK-1564, June 1998

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