

AB7000-C

Anybus Communicator serial master to PROFIBUS

Anybus AB7000-C is a Anybus Communicator serial master to PROFIBUS. It performs the documented Anybus Communicator system role in the approved industrial installation.

IDENTITY	VERIFIED VALUE
Manufacturer	Anybus
System family	Anybus Communicator
Part number	AB7000-C
Product role	Provides the documented anybus communicator serial master to profibus function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Back up the Anybus configuration, record serial framing and PROFIBUS node settings, then validate every mapped data item after replacement.

APTER POWER SALES TEAM

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



AB7000-C

Technical Specifications

Technical values below are limited to the named Anybus product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Gateway role	Serial master to PROFIBUS	Configuration	Anybus Configuration Manager
Serial interfaces	RS-232; RS-422; RS-485	Mounting	DIN rail
Fieldbus	PROFIBUS		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Anybus Communicator
Primary system role	Provides the documented anybus communicator serial master to profibus function
Connection boundary	Back up the Anybus configuration, record serial framing and PROFIBUS node settings, then validate every mapped data item after replacement.
Controlled acceptance duty	Anybus Communicator system maintenance

ENGINEERING BOUNDARY

Confirm Anybus AB7000-C, Anybus Communicator host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Pre-Installation Checks

- 1

Confirm the complete Anybus AB7000-C marking and installed Anybus Communicator position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	AB7000-C
Installed host	Anybus Communicator
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Anybus AB7000-C is a Anybus Communicator serial master to PROFIBUS. It performs the documented Anybus Communicator system role in the approved industrial installation.

FUNCTION 1
Provides the documented anybus communicator serial master to profibus function

FUNCTION 2
Uses exact Anybus article identity AB7000-C

FUNCTION 3
Integrates with the matched Anybus Communicator hardware

FUNCTION 4
Supports controlled diagnostics and functional verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Anybus Communicator
2	RS-232; RS-422; RS-485
3	Anybus Communicator system maintenance
4	Back up the Anybus configuration, record serial framing and PROFIBUS node settings, then validate every mapped data item after replacement.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Anybus Communicator
Interface role	Provides the documented anybus communicator serial master to profibus function
Field / power context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for Anybus AB7000-C. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning evidence	Complete a controlled functional test and retain the acceptance result before production release.

Installation and Connection Checks

- 1

Verify gateway role (Serial master to PROFIBUS) against the installed project and connected hardware.
- 2

Verify serial interfaces (RS-232; RS-422; RS-485) and restore only the approved configuration.
- 3

Energize in the prescribed sequence and review module, host and network diagnostics.
- 4

Complete a controlled functional test and retain the acceptance result before production release.

MANUFACTURER SOURCE RECORD

Anybus Communicator AB7000-C product documentation
Anybus AB7000-C

Applications and Engineering Context

Anybus Communicator system maintenance

Restores the documented anybus communicator serial master to profibus function in an engineered installation.

Control-panel modernization

Preserves the approved Anybus hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented gateway role and serial interfaces before process release.

Controlled recommissioning

Verifies configuration, diagnostics and field response after maintenance or replacement.

TECHNICAL NOTE

Back up the Anybus configuration, record serial framing and PROFIBUS node settings, then validate every mapped data item after replacement.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	AB7000-C recorded
Host / carrier	Anybus Communicator
Physical interface	Provides the documented anybus communicator serial master to profibus function
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional proof	Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm Anybus AB7000-C, Anybus Communicator host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	AB7000-C
Approved role	Anybus Communicator system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering Precautions

- 1

Confirm the complete Anybus AB7000-C marking and installed Anybus Communicator position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify gateway role (Serial master to PROFIBUS) against the installed project and connected hardware.
- 6

Verify serial interfaces (RS-232; RS-422; RS-485) and restore only the approved configuration.
- 7

Energize in the prescribed sequence and review module, host and network diagnostics.
- 8

Complete a controlled functional test and retain the acceptance result before production release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R X20AT6402	Related industrial automation product	View B&R X20AT6402 page
B&R 7CP476.60-1	Related industrial automation product	View B&R 7CP476.60-1 page
B&R 7CP474.60-1	Related industrial automation product	View B&R 7CP474.60-1 page
B&R 8I0IF109.400-2	Related industrial automation product	View B&R 8I0IF109.400-2 page
B&R 8I0IF109.400-1	Related industrial automation product	View B&R 8I0IF109.400-1 page
B&R 5ACPCI.ETH3-01	Related industrial automation product	View B&R 5ACPCI.ETH3-01 page
B&R 5AP1130.185C-000	Related industrial automation product	View B&R 5AP1130.185C-000 page
Bihl+Wiedemann BWU3274	Related industrial automation product	View Bihl+Wiedemann BWU3274 page

MANUFACTURER SOURCE RECORD

Anybus Communicator AB7000-C product documentation
Anybus AB7000-C

APTER POWER SALES TEAM

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



AB7000-C