

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.

BRAND	Anybus	FAMILY	Anybus Communicator
PART	AB7000-C	SYSTEM ROLE	Provides the documented anybus communicator serial master to profibus function

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AB7000-C

MANUFACTURER SOURCE RECORD

Anybus Communicator AB7000-C product documentation
Anybus AB7000-C

Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Anybus Communicator
Primary interface	Provides the documented anybus communicator serial master to profibus function
Engineering 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 duty	Complete a controlled functional test and retain the acceptance result before production release.

TECHNICAL NOTE

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

Technical Data

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		

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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.

Applications and Precautions

Common Applications

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.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	AB7000-C
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional release	Complete a controlled functional test and retain the acceptance result before production release.

Engineer FAQ

Q1 Which Anybus Communicator position accepts AB7000-C?

Use the approved Anybus Communicator position and confirm the complete Anybus AB7000-C article identity.

Q3 Which value is checked first for AB7000-C?

Check gateway role: Serial master to PROFIBUS.

Q5 What should be recorded before removing AB7000-C?

Record every power, signal, network, terminal and configuration assignment.

Q7 How is AB7000-C recommissioned?

Restore the approved hardware and project, then review diagnostics in the prescribed startup sequence.

Q2 Which documented function does AB7000-C provide?

It provides the documented anybus communicator serial master to profibus role in the configured system.

Q4 Which second interface value governs AB7000-C?

Verify serial interfaces: RS-232; RS-422; RS-485.

Q6 How is AB7000-C handled safely?

Isolate applicable energy, apply ESD controls and protect all connectors and terminals.

Q8 What releases AB7000-C to service?

A controlled functional test with the expected response and no unresolved diagnostics.

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