

6GT2002-0ED00

RFID Interface Module

INSTALLATION AND COMMISSIONING GUIDE

It connects two MOBY read/write devices to a PROFIBUS DP-V1 master through the ASM456 communication interface.

- Connects two read/write devices
- Provides the MOBY ASM456 interface role
- Communicates through PROFIBUS DP-V1
- Uses a separately selected PROFIBUS connection block

VERIFIED IDENTITY

Article number	6GT2002-0ED00
Module designation	ASM456 communications module
System family	MOBY
Host interface	PROFIBUS DP-V1
Reader connections	Two read/write devices
PROFIBUS connection block	Not included

Official source: Siemens Industry Mall exact article record
Publication: 6GT2002-0ED00

APPLICATION SNAPSHOT

Dual-reader RFID integration	Connects two reader channels to the controller network.
Workpiece identification	Identifies tagged workpieces at production stations.
PROFIBUS tracking station	Transfers identification data over PROFIBUS DP-V1.
ASM456 replacement	Restores the original MOBY communication position.



01 PRE-INSTALLATION PLAN

Step 1	Verify the complete 6GT2002-0ED00 marking and the assigned Siemens MOBY identification system position before work.
Step 2	Place the connected dual-reader rfid integration process in the approved maintenance state.
Step 3	Isolate all applicable power and profibus dp-v1 identification data from two read/write devices field energy before disconnection.
Step 4	Record every connector, conductor, address, jumper and project identity before removal.
Step 5	Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.
Step 6	Confirm the installed PROFIBUS DP-V1 master and network and two documented MOBY read/write devices against the approved system record.
Step 7	Restore power in a controlled sequence and review module, rack and host diagnostics.
Step 8	Prove the intended workpiece identification function and retain the final acceptance result.

MATCHED HARDWARE

- PROFIBUS DP-V1 master and network
- two documented MOBY read/write devices
- separate PROFIBUS connection block
- approved identification-system project and addressing

02 WIRING & INTERFACE CHECKS

Exact model	6GT2002-0ED00
Installed system	Siemens MOBY identification system
Controlled signal	PROFIBUS DP-V1 identification data from two read/write devices
Connector record	Capture terminal, plug, jumper and cable identities before removal
Shield and reference	Restore only the documented as-found termination arrangement
Supply isolation	Verify all module, field and stored-energy sources are safe
Configuration record	Save addresses, ranges, parameters, software and project revision
Pre-energization gate	Complete continuity, polarity, supply and protective-device checks



03 COMMISSIONING & RETURN TO SERVICE

1 — Identity	Reconfirm 6GT2002-0ED00 and the assigned system position
2 — Mechanical	Verify seating, retaining hardware, airflow and connector protection
3 — Electrical	Verify supply, polarity, references, shields and field protection
4 — Configuration	Restore only the approved addresses, parameters and project
5 — Controlled power	Energize with the connected process in the maintenance state
6 — Diagnostics	Review module, rack, network and host diagnostic indications
7 — Function	Exercise the documented dual-reader rfid integration function
8 — Acceptance	Record the final response and release authorization

APPLICATION-SPECIFIC TESTS

Dual-reader RFID integration	Connects two reader channels to the controller network.
Workpiece identification	Identifies tagged workpieces at production stations.
PROFIBUS tracking station	Transfers identification data over PROFIBUS DP-V1.
ASM456 replacement	Restores the original MOBY communication position.

RETURN-TO-SERVICE RECORD

Identification accepted	Complete model and installed marking verified
Connections accepted	All conductors, connectors, shields and jumpers reconciled
Configuration accepted	Addressing, parameters and project revision confirmed
Diagnostics accepted	No unexplained module, rack, network or host faults
Function accepted	Documented controlled response proved
Record retained	As-left evidence and approval stored with the maintenance record



MODEL-SPECIFIC FAQ & RELATED PRODUCTS

1	What interface role does Siemens 6GT2002-0ED00 provide?	It is the MOBY ASM456 communication module for a PROFIBUS DP-V1 identification station.
2	How many read/write devices can connect to 6GT2002-0ED00?	The exact article supports two documented MOBY read/write devices.
3	Is the PROFIBUS connection block included with 6GT2002-0ED00?	No. Siemens states that the article is supplied without the PROFIBUS connection block, so the installed block must be identified separately.
4	Which project settings must be retained for 6GT2002-0ED00?	Record the PROFIBUS address, master configuration, module parameters and both reader-channel assignments.
5	What lifecycle date applies to 6GT2002-0ED00?	Siemens records product cancellation effective 1 October 2022 and treats the article as a spare part.
6	Which successor is listed for 6GT2002-0ED00?	The exact Industry Mall record names 6GT2002-0EE20, RF166C, as successor; compatibility still requires engineering review.
7	Why is 6GT2002-0EE20 not an automatic substitute for 6GT2002-0ED00?	The successor has different communication capabilities and installation details, so network, reader and project compatibility must be verified.
8	How is 6GT2002-0ED00 commissioned after replacement?	Restore the PROFIBUS configuration, confirm both readers are detected, and run controlled tag-read and tag-write tests on each channel.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330854 080 25 00	Related industrial automation product
02	Bently Nevada 330105 02 12 15 12 CN	Related industrial automation product
03	Emerson KJ3003X1 EA1	Related industrial automation product
04	Bently Nevada 330101 00 19 10 02 00	Related industrial automation product
05	Bently Nevada 330104 10 20 05 02 00	Related industrial automation product
06	Emerson WSNF8327B002	Related industrial automation product
07	Emerson WSNF8327A321MO	Related industrial automation product
08	Emerson WSNF8551A409MO	Related industrial automation product

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