

APTER POWER INSTALLATION & VERIFICATION REFERENCE

6FX8002-2EQ20-1BA0

A separate model-specific field checklist

Use this reference to verify the exact Siemens component before installation, substitution, or recommissioning. It intentionally does not repeat unconfirmed values.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Keep Feedback Intact. Match the M17. Route Motion Signals Cleanly.

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SCAN FOR PRODUCT & QUOTE
6FX8002-2EQ20-1BA0

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 6FX8002-2EQ20-1BA0 to the physical label; record revision and serial data.
2	Host system	Confirm rack, slot, CPU/drive/controller, firmware, project, and machine-builder approval.
3	Electrical	Verify supply, signal type, channel limits, grounding, shielding, and connector pinout from the exact Siemens document.
4	Mechanical	Confirm form factor, keying, mounting, clearances, cable routing, and environmental limits.
5	Lifecycle	The 6FX8002-2EQ20 family appears in a current Siemens EU Declaration. The exact commercial lifecycle of 6FX8002-2EQ20-1BA0 must be checked in current regional order data.
6	Commissioning	Apply the original test procedure and record results before returning the equipment to service.

Product-Specific Precautions

- Verify cable length from the exact Siemens order record or label
- Check motor-end and drive-end connector coding
- Maintain specified bend radius and routing
- Separate feedback cable from power conductors as instructed
- Do not pull, twist, or repair connectorized feedback cable outside approved procedures

2. Commissioning Record

Record item	Site entry
Physical model / MLFB	
Serial or revision	
Host system / machine	
Rack / slot / location	
Firmware / project backup	
Connector and wiring verified	
Functional test result	
Technician / date	

Source Basis

Siemens EU Declaration for MOTION-CONNECT cables, document 664.NRo.K.38.2504.039, listing the 6FX8002-2EQ20 family as a signal cable for absolute encoder M17.

Important Notice

This Apter Power checklist is not a Siemens installation instruction. The current Siemens documentation, the physical nameplate, the host-equipment manual, and applicable safety rules control all work.

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