

APTER POWER PRODUCT REFERENCE MANUAL

3BSE007137R1-PFVO131

Legacy PFVO131 Module Identifier

ENGINEERING LENS	SENSOR EXCITATION, CALIBRATION, AND EXACT LEGACY IDENTITY
SYSTEM	ABB legacy force-measurement hardware
SOURCE CONTROL	Manufacturer-published information only

This original Apter Power manual explains sensor excitation, calibration, and exact legacy identity using only the manufacturer source named inside the document.

Manufacturer	ABB
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Engineering clarity for sensor excitation, calibration, and exact legacy identity.

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SCAN FOR PRODUCT & QUOTE
3BSE007137R1-PFVO131

1. Product Identity and System Role

3BSE007137R1-PFVO131 is a complete ABB legacy module marking. ABB currently publishes documentation for later PFEA and PFVA force-measurement electronics, but the reviewed public sources do not define the exact PFVO131 article, so its signal ranges, load-cell interface, and output functions are not inferred.

Use the physical label and the original force-measurement system drawings to identify the connected sensors, excitation, signal outputs, supply, calibration data, and mechanical application before any replacement or test.

Model Configuration

Field	Verified information
Complete model	3BSE007137R1-PFVO131
Manufacturer	ABB
Product description	Legacy PFVO131 Module Identifier
System	ABB legacy force-measurement hardware

Product-Specific Design Focus

sensor excitation, calibration, and exact legacy identity

2. Technical Specifications and Evidence Boundary

Only values supported by the named ABB source are stated. Where the complete ordering code is absent from public data, the field is explicitly marked for verification.

Parameter	Verified value
Manufacturer	ABB
Complete model	3BSE007137R1-PFVO131
Exact function	Not confirmed in reviewed ABB public documents
Sensor and signal data	Verify from the exact PFVO131 manual
Calibration and supply	Use nameplate and installed-system records

Evidence Note

Use the complete 3BSE007137R1-PFVO131 identity. No current exact PFVO131 lifecycle notice was located in the reviewed ABB public material. Treat it as legacy hardware pending ABB confirmation. Values not published in the cited ABB source are intentionally not inferred.

3. Functions, Applications and Matched Components

Core Functions

- Use the physical label and the original force-measurement system drawings to identify the connected sensors, excitation, signal outputs, supply, calibration data, and mechanical application before any replacement or test.
- Preserves the documented role within ABB legacy force-measurement hardware.
- Supports model-specific engineering review without substituting unverified third-party data.

Application Areas

Application	System role
ABB legacy force-measurement hardware	Maintains the documented sensor excitation, calibration, and exact legacy identity role in a correctly matched installation.
Process and machine automation	Supports the control, communication, power, safety, measurement, or protection duty stated in the official source for this exact or verified family identity.
Lifecycle-controlled maintenance	Requires complete-code, nameplate, host-system, and project verification before replacement or recommissioning.

Compatible Components

- The original ABB force-measurement assembly shown in the plant drawings
- Matched load cells, cabling, power supply, and signal receiver documented for PFVO131
- Only an ABB-confirmed replacement for the complete article and calibration duty

Lifecycle Status

No current exact PFVO131 lifecycle notice was located in the reviewed ABB public material. Treat it as legacy hardware pending ABB confirmation.

4. Installation Precautions

- Match every character of 3BSE007137R1-PFVO131 to the physical nameplate before work.
- Use the exact ABB manual, wiring drawing, and safety instructions for the installed revision.
- De-energize and apply the required lockout, discharge, ESD, and stored-energy controls before removal.
- Back up firmware, parameters, controller project, calibration, and network settings where applicable.
- Verify supply, signal type, polarity, grounding, shielding, connector pinout, load, and environmental limits.
- Commission with the manufacturer test procedure and record results before returning equipment to service.

DECISION GATE - Verify before installation

Use the complete 3BSE007137R1-PFVO131 identity. No current exact PFVO131 lifecycle notice was located in the reviewed ABB public material. Treat it as legacy hardware pending ABB confirmation. Values not published in the cited ABB source are intentionally not inferred.

Controlling records: physical nameplate, current ABB document, and host-system drawings.

5. Official Source and Use Notice

Official manufacturer source

ABB Library and current ABB force-measurement portfolio review; exact PFVO131 public data was not located.

<https://www.abb.com/global/en/areas/automation/measurement-analytics/force-measurement/web-tension/tension-electronics-pfea11-v2-1>

Apter Power product page

<https://www.apterpower.com/ABB/3bse007137r1-pfvo131>

Use Notice

This is an original Apter Power model-specific reference prepared from the ABB source named above. It is not a ABB publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and a model-specific quotation, visit www.apterpower.com or contact sales13@apterpower.com.