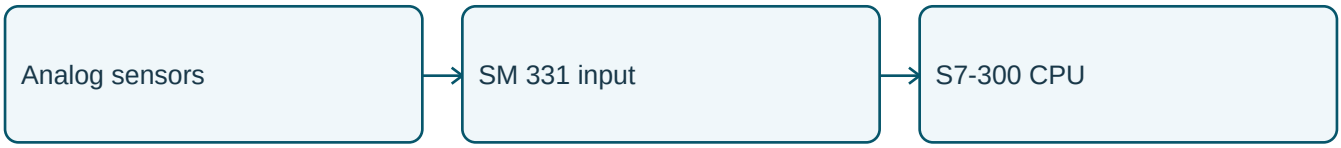
6ES7331-7NF10-0AB0

01 / Identity and preparation

SM 331 Analog Input Module

Siemens 6ES7331-7NF10-0AB0 is an isolated SM 331 analog input module for SIMATIC S7-300. It brings eight analog measurement channels into the controller so configured field values can be processed by the PLC program. The selected measurement range, wiring and channel parameterization must agree with the installed sensors.

System position



Pre-work checks

Exact marking	Confirm the complete 6ES7331-7NF10-0AB0 label, revision and physical execution.
Host configuration	Check the intended SIMATIC S7-300 host, connections and fitted accessories.
Configuration record	Retain the installed parameters, addressing and wiring information for 6ES7331-7NF10-0AB0.
Functional release	Verify affected sm 331 analog input module functions and diagnostics after installation.

Match the complete unit

Check the full 6ES7331-7NF10-0AB0 marking and any hardware revision against the installation record.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

6ES7331-7NF10-0AB0

02 / Verification and handover

Isolate the installation

Follow the approved SIMATIC S7-300 isolation and stored-energy procedure before handling the unit.

Preserve the connection record

Label and photograph the sm 331 analog input module connections, terminations and mounting before removal.

Restore the configuration

Retain the approved SIMATIC S7-300 address, range, software or calibration settings that apply to the installed unit.

Protect the hardware

Use suitable electrostatic-discharge and mechanical protection while handling connectors, boards and retaining parts.

Verify the affected functions

After fitting 6ES7331-7NF10-0AB0, check diagnostics and the relevant I/O or process response under the site acceptance plan.

Accept the installed result

Verify affected sm 331 analog input module functions and diagnostics after installation.

Application boundary

The characteristics above describe the identified SIMATIC S7-300 execution of 6ES7331-7NF10-0AB0. Optional functions, connected devices and installed revisions must be checked against the complete marking and approved project configuration.

Related Siemens references

Siemens 6ES7318-3EL01-0AB0

Siemens 6ES7412-2XG00-0AB0

Siemens 6ES7403-1TA01-0AA0

Product and installation enquiries

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Apply manufacturer instructions and approved site procedures.