

Schneider Electric 170AAO92100

Analog Output Base / Product dashboard

Acceptance of 170AAO92100 requires healthy diagnostics and the intended field, network or motion response to be witnessed and recorded.

IDENTITY

Schneider Electric 170AAO92100

PRODUCT ROLE

Analog Output Base

PLATFORM

Modicon Momentum

CONTROL BASIS

Exact evidence plus installed-system record

Analog outputs	4
Voltage range	+/-10 V
Current range	4 to 20 mA
Data format	Full 16-bit signed
Conversion resolution	12 bits plus sign
Update time	2 ms

The dashboard places 170AAO92100 identity, operating role and maintenance boundaries in one review surface for the Modicon Momentum installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Schneider Electric 170AAO92100

Analog Output Base / Technical matrix

Analog outputs	4
Voltage range	+/-10 V
Current range	4 to 20 mA
Data format	Full 16-bit signed
Conversion resolution	12 bits plus sign
Update time	2 ms
Fail-state choices	Hold, full scale, or zero
Reverse-polarity protection	Internal
Voltage-output protection	Short-circuit protected
External supply	+/-30 V DC and 24 V DC
Channel indication	4 channel-status LEDs
Isolation to ground	500 V AC

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Schneider Electric 170AAO92100 Product Data Sheet

REVISION NOTE

Exact Momentum analog output base characteristics

Schneider Electric 170AAO92100

Analog Output Base / Application architecture

Analog actuator command

Drives four approved voltage or current-controlled devices.

Process setpoint output

Supplies configured 4-20 mA signals.

Bipolar reference output

Provides plus/minus 10 V where the load is documented.

Momentum base renewal

Restores channel modes, scaling and fail-state behavior.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the Modicon Momentum context, 170AAO92100 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Schneider Electric 170AAO92100

Analog Output Base / Risk and decision register

PRIMARY RISK

A mismatch between the 170AAO92100 label and the installed analog output base record.

CONFIGURATION RISK

Loss of the 170AAO92100 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Modicon Momentum item as automatically equivalent to 170AAO92100.

RELEASE RISK

Returning 170AAO92100 to control before diagnostics and functional response are witnessed.

Decision register

How many analog outputs are documented for Schneider Electric 170AAO92100?

The manufacturer record for 170AAO92100 specifies 4. Preserve it through selection, installation and acceptance.

Which current range applies to Schneider Electric 170AAO92100?

The published 170AAO92100 value is 4 to 20 mA. The installed configuration must remain within that boundary.

Which conversion resolution applies to Schneider Electric 170AAO92100?

Record 12 bits plus sign for 170AAO92100 and verify the field arrangement against the controlled drawing or project.

What fail-state choices behavior is documented for Schneider Electric 170AAO92100?

170AAO92100 is documented with Hold, full scale, or zero; this value belongs to the verified product configuration.

Which voltage range applies to Schneider Electric 170AAO92100?

Schneider Electric identifies the voltage range as +/-10 V; keep that exact entry in the 170AAO92100 record.

When reviewing 170AAO92100, what is the published data format?

For 170AAO92100, the manufacturer states Full 16-bit signed. Do not replace it with a nearby suffix value.

Which update time applies to Schneider Electric 170AAO92100?

The exact-model source gives 2 ms. Use it together with the actual 170AAO92100 nameplate and installation record.

What reverse-polarity protection behavior is documented for Schneider Electric 170AAO92100?

Use Internal as the 170AAO92100 reverse-polarity protection reference and resolve any field discrepancy before release.

Decision closeout

Approve the 170AAO92100 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Schneider Electric 170AAO92100

Analog Output Base / Canonical record and support

Canonical identity	Schneider Electric 170AAO92100
Product name	Analog Output Base
Family	Modicon Momentum
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

[Schneider Electric 140NOM21200](#)

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[Schneider Electric ATV61HD37N4](#)

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MANUFACTURER EVIDENCE RECORD

Schneider Electric 170AAO92100 Product Data Sheet

Exact Momentum analog output base characteristics

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Send the exact model, quantity, destination and requested condition for a quotation.

