Foxboro AD908AA FBM201

Complete Product Information

Foxboro AD908AA FBM201 combines the FBM201 analog-input function with the specified integrated field-termination assembly for current and voltage process signals.

WHAT THIS PRODUCT DOES

Foxboro AD908AA FBM201 serves as an integrated analog input termination in the Foxboro FBM module-fieldbus path. It interfaces current or dc voltage field input with FBM201 analog input path and the installed integrated termination arrangement.

Product characteristic 1

Provides eight independent input channels for the documented integrated analog input termination function.

Product characteristic 2

Handles current or dc voltage field input through the specified Foxboro FBM module-fieldbus path.

Product characteristic 3

Works with FBM201 analog input path and the installed integrated termination arrangement.

Product characteristic 4

Per-channel isolation separates the field inputs from one another and from ground.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Input channels	8 isolated analog inputs
Accepted signals	0-20 mA; 0-100 mV; 0-5 V; 0-10 V dc
Fieldbus	Redundant 2 Mbps module fieldbus
Conversion	Independent sigma-delta conversion per channel

IMPORTANT NOTICE

Use AD908AA FBM201 only with FBM201 analog input path and the installed integrated termination arrangement; verify the field interface and controlled configuration before energizing the subsystem.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Input channels	8 isolated analog inputs
Accepted signals	0-20 mA; 0-100 mV; 0-5 V; 0-10 V dc
Fieldbus	Redundant 2 Mbps module fieldbus
Conversion	Independent sigma-delta conversion per channel
Module supply	24 V dc, +5/-10%; 7 W maximum

FEATURE INTERPRETATION

Product identity

Provides eight independent input channels for the documented integrated analog input termination function.

System role

Handles current or dc voltage field input through the specified Foxboro FBM module-fieldbus path.

Service context

Works with FBM201 analog input path and the installed integrated termination arrangement.

Return-to-service focus

Per-channel isolation separates the field inputs from one another and from ground.

SIGNAL OR CONTROL PATH

Field signal → **Termination** → **Input module** → **Control database**

The integrated analog input termination belongs in the controlled Foxboro FBM module-fieldbus path and works with FBM201 analog input path and the installed integrated termination arrangement. Its field connection, companion hardware and project configuration must be reviewed together before the channel is returned to service.

PRODUCT-PAGE TECHNICAL QUESTIONS

What function does Foxboro AD908AA FBM201 perform?	It combines the FBM201 analog-input function with the specified integrated field-termination assembly for current and voltage process signals.
How many channels are associated with Foxboro AD908AA FBM201?	The documented configuration provides eight independent input channels.
Which signal path is used by Foxboro AD908AA FBM201?	It is used for current or dc voltage field input within the specified subsystem.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Installed-base maintenance

Restores the documented integrated analog input termination position without changing the approved system architecture.

Loop or channel service

Supports verification of current or dc voltage field input at the assigned control-system channel.

Planned replacement

Provides an exact-identity replacement path when FBM201 analog input path and the installed integrated termination arrangement and the field interface have been confirmed.

Commissioning support

Allows the responsible engineer to prove wiring, configuration, status and response for eight independent input channels.

APPLICATION VERIFICATION MAP

Installed-base maintenance	Confirm the documented system position and the required operating function.
Loop or channel service	Compare the restored connection or control path with the approved record.
Planned replacement	Check the physical interface and the retained configuration before startup.
Commissioning support	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

Which signal path is used by Foxboro AD908AA FBM201?	It is used for current or dc voltage field input within the specified subsystem.
Which companion hardware must be checked for Foxboro AD908AA FBM201?	Confirm FBM201 analog input path and the installed integrated termination arrangement and the project-specific base or terminal arrangement.
What technical values should be verified before installing Foxboro AD908AA FBM201?	Verify 8 isolated analog inputs; also confirm 0-20 ma; 0-100 mv; 0-5 v; 0-10 v dc and every applicable range or wiring selection.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Match the complete AD908AA FBM201 marking to the work order and installed position before removal.
02	Confirm FBM201 analog input path and the installed integrated termination arrangement before making or breaking any field connection.
03	Keep the assigned current or dc voltage field input within the documented subsystem and range.
04	Record terminal designations, polarity, common and shield treatment before disconnecting conductors.
05	Inspect module seating, connector keying, terminal condition and strain relief before power is restored.
06	Restore the controlled channel configuration, range selection and alarm or timeout behavior after installation.
07	Check local indicators and controller diagnostics for internal, communication or channel faults during commissioning.
08	Prove the intended response across eight independent input channels and record the acceptance result before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What function does Foxboro AD908AA FBM201 perform?	It combines the FBM201 analog-input function with the specified integrated field-termination assembly for current and voltage process signals.
How many channels are associated with Foxboro AD908AA FBM201?	The documented configuration provides eight independent input channels.
Which signal path is used by Foxboro AD908AA FBM201?	It is used for current or dc voltage field input within the specified subsystem.
Which companion hardware must be checked for Foxboro AD908AA FBM201?	Confirm FBM201 analog input path and the installed integrated termination arrangement and the project-specific base or terminal arrangement.

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RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

What technical values should be verified before installing Foxboro AD908AA FBM201?	Verify 8 isolated analog inputs; also confirm 0-20 ma; 0-100 mv; 0-5 v; 0-10 v dc and every applicable range or wiring selection.
What connection details should be recorded for Foxboro AD908AA FBM201?	Record terminal identifiers, polarity, common, shield termination, connector keying and the assigned channel before disconnection.
Which diagnostics should be reviewed when commissioning Foxboro AD908AA FBM201?	Review the applicable power, communication, internal-fault and channel-status indications, then compare the controller status with the expected field condition.
Can a nearby ordering code replace Foxboro AD908AA FBM201 without an engineering check?	No. Match the complete identifier, companion hardware, signal range, wiring and controlled project configuration before substitution.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Schneider Electric, Foxboro DCS FBM201/b/c/d Analog Input Product Specification, PSS 41H-2S201 Rev B, May 2025.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTERPOWER

Westinghouse 1C31147G01	Related product reference. Review the complete ordering string before selection.
Westinghouse 1C31192G01	Related product reference. Compare the required interface and system position.
Westinghouse 5X00119G01	Related product reference. Confirm the execution independently for the intended task.

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