Foxboro AD916AG FBM204

Complete Product Information

Foxboro AD916AG FBM204 provides the integrated field-termination path for the FBM204 mixed analog input/output subsystem used in current-loop measurement and control.

WHAT THIS PRODUCT DOES

Foxboro AD916AG FBM204 serves as an integrated analog i/o termination in the Foxboro FBM module-fieldbus path. It interfaces 0-20 mA input and output loops with FBM204 mixed analog I/O path and the installed termination assembly.

Product characteristic 1

Provides four inputs and four outputs for the documented integrated analog i/o termination function.

Product characteristic 2

Handles 0-20 mA input and output loops through the specified Foxboro FBM module-fieldbus path.

Product characteristic 3

Works with FBM204 mixed analog I/O path and the installed termination assembly.

Product characteristic 4

Input and output channels are galvanically isolated for field-loop separation.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Analog inputs	4 isolated 0-20 mA dc channels
Analog outputs	4 isolated 0-20 mA dc channels
Input devices	4-20 mA transmitters or self-powered 20 mA sources
Output function	Each output drives an external current-loop load

IMPORTANT NOTICE

Use AD916AG FBM204 only with FBM204 mixed analog I/O path and the installed termination assembly; verify the field interface and controlled configuration before energizing the subsystem.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.

Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Analog inputs	4 isolated 0-20 mA dc channels
Analog outputs	4 isolated 0-20 mA dc channels
Input devices	4-20 mA transmitters or self-powered 20 mA sources
Output function	Each output drives an external current-loop load
Fieldbus	Redundant 2 Mbps module fieldbus

FEATURE INTERPRETATION

Product identity

Provides four inputs and four outputs for the documented integrated analog i/o termination function.

System role

Handles 0-20 mA input and output loops through the specified Foxboro FBM module-fieldbus path.

Service context

Works with FBM204 mixed analog I/O path and the installed termination assembly.

Return-to-service focus

Input and output channels are galvanically isolated for field-loop separation.

SIGNAL OR CONTROL PATH

Field connection → **I/O module** → **Rack interface** → **Monitor channel**

The integrated analog i/o termination belongs in the controlled Foxboro FBM module-fieldbus path and works with FBM204 mixed analog I/O path and the installed termination assembly. 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 AD916AG FBM204 perform?	It provides the integrated field-termination path for the FBM204 mixed analog input/output subsystem used in current-loop measurement and control.
How many channels are associated with Foxboro AD916AG FBM204?	The documented configuration provides four inputs and four outputs.
Which signal path is used by Foxboro AD916AG FBM204?	It is used for 0-20 mA input and output loops 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 i/o termination position without changing the approved system architecture.

Loop or channel service

Supports verification of 0-20 mA input and output loops at the assigned control-system channel.

Planned replacement

Provides an exact-identity replacement path when FBM204 mixed analog I/O path and the installed termination assembly and the field interface have been confirmed.

Commissioning support

Allows the responsible engineer to prove wiring, configuration, status and response for four inputs and four outputs.

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 AD916AG FBM204?	It is used for 0-20 mA input and output loops within the specified subsystem.
Which companion hardware must be checked for Foxboro AD916AG FBM204?	Confirm FBM204 mixed analog I/O path and the installed termination assembly and the project-specific base or terminal arrangement.
What technical values should be verified before installing Foxboro AD916AG FBM204?	Verify 4 isolated 0-20 mA dc channels; also confirm 4 isolated 0-20 ma dc channels and every applicable range or wiring selection.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Match the complete AD916AG FBM204 marking to the work order and installed position before removal.
02	Confirm FBM204 mixed analog I/O path and the installed termination assembly before making or breaking any field connection.
03	Keep the assigned 0-20 mA input and output loops 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 four inputs and four outputs and record the acceptance result before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What function does Foxboro AD916AG FBM204 perform?	It provides the integrated field-termination path for the FBM204 mixed analog input/output subsystem used in current-loop measurement and control.
How many channels are associated with Foxboro AD916AG FBM204?	The documented configuration provides four inputs and four outputs.
Which signal path is used by Foxboro AD916AG FBM204?	It is used for 0-20 mA input and output loops within the specified subsystem.
Which companion hardware must be checked for Foxboro AD916AG FBM204?	Confirm FBM204 mixed analog I/O path and the installed termination assembly and the project-specific base or terminal arrangement.

IMPORTANT NOTICE	Use AD916AG FBM204 only with FBM204 mixed analog I/O path and the installed termination assembly; verify the field interface and controlled configuration before energizing the subsystem.

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 AD916AG FBM204?	Verify 4 isolated 0-20 mA dc channels; also confirm 4 isolated 0-20 ma dc channels and every applicable range or wiring selection.
What connection details should be recorded for Foxboro AD916AG FBM204?	Record terminal identifiers, polarity, common, shield termination, connector keying and the assigned channel before disconnection.
Which diagnostics should be reviewed when commissioning Foxboro AD916AG FBM204?	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 AD916AG FBM204 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 FBM204 0 to 20 mA I/O Module Product Specification, PSS 41H-2S204, 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 1C31192G01	Related product reference. Review the complete ordering string before selection.
Westinghouse 5X00119G01	Related product reference. Compare the required interface and system position.
Westinghouse 5X00419G01	Related product reference. Confirm the execution independently for the intended task.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.