Foxboro P0916CC

Termination Assembly / Exact identity and technical profile

This reference separates the exact published characteristics of Foxboro P0916CC from neighboring family variants and undocumented suffixes.

Legacy part number	P0916CC
Current superseding part	RH916YE
Associated module	FBM237
Output channels	8 x 0-20 mA DC
Terminal style	Compression
Termination material	Polyamide

TECHNICAL MARKER

FBM237 termination

TECHNICAL MARKER

8 analog outputs

TECHNICAL MARKER

Compression terminals

TECHNICAL MARKER

Type 1 termination cable

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read P0916CC from the installed label and procurement record
Function evidence	Confirm the published termination assembly role in the FBM237 Redundant Analog Output system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept P0916CC only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented P0916CC position requires separate engineering approval.

Foxboro P0916CC

Termination Assembly / Published characteristics

This matrix groups the published P0916CC characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact termination assembly record.

Legacy part number	P0916CC
Current superseding part	RH916YE
Associated module	FBM237
Output channels	8 x 0-20 mA DC
Terminal style	Compression
Termination material	Polyamide
Termination cable type	Type 1
Cable length range	Up to 30 m
Cable connection	25-pin male D-subminiature
Module operation	Single or redundant
Loop power	Internally and/or externally powered by selected TA
Signal compatibility	Electrically compatible with standard HART signals

INTERPRETATION

Use every P0916CC value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make P0916CC data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Foxboro suffix cannot fill a missing P0916CC parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Foxboro P0916CC

Termination Assembly / System role and data flow

Redundant analog control outputs

Terminates eight FBM237 output loops.

HART-compatible current loops

Supports the documented electrically compatible signal arrangement.

Remote terminal cabinets

Provides compression field terminals connected by a Type 1 cable.

FBM37 upgrade wiring

Supports approved migration paths using the documented TA arrangement.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	P0916CC performs its published termination assembly role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to P0916CC
Published action	The documented termination assembly function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each P0916CC use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Foxboro P0916CC

Termination Assembly / Engineering decisions

SUPPORTED IDENTITY

P0916CC

PUBLISHED FUNCTION

Termination Assembly

SYSTEM CONTEXT

FBM237 Redundant Analog Output

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

Which module uses Foxboro P0916CC?

It is a termination assembly for the FBM237 analog output module.

Which terminal style is used by Foxboro P0916CC?

The assembly uses compression terminals.

Which current part supersedes Foxboro P0916CC?

RH916YE supersedes P0916CC and P0916YE.

Which loop-power detail must be recorded for Foxboro P0916CC?

Record whether each output is powered internally or by an external field supply.

How many output channels terminate on Foxboro P0916CC?

It terminates eight 0-20 mA DC analog output channels.

Which cable type connects Foxboro P0916CC?

The manufacturer table specifies a Type 1 termination cable.

Can Foxboro P0916CC serve a redundant FBM237 arrangement?

Yes. FBM237 supports redundant modules through the documented adapter and shared field connection.

What completes commissioning of Foxboro P0916CC?

Verify current and direction on all eight outputs, then witness redundant transfer and the response of every driven device.

Decision closeout

Close the P0916CC technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The P0916CC decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Foxboro P0916CC

Termination Assembly / Evidence and support

Exact product	Foxboro P0916CC
Technical class	Termination Assembly
Platform	FBM237 Redundant Analog Output
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

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

Emerson KJ3001X1 BA1 12P0549X112	View Emerson KJ3001X1 BA1 12P0549X112 page
Emerson KJ3001X1 BA1 1290549X152	View Emerson KJ3001X1 BA1 1290549X152 page

MANUFACTURER EVIDENCE RECORD

Foxboro FBM237 Product Specification

PSS 31H-2S237

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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