Foxboro P0916VC

Complete product information

Foxboro P0916VC is a type 1 h/xlpe termination cable for the I/A Series termination cable. It provides a three-metre Type 1 module-to-termination connection using H/XLPE insulation.

Complete reference	P0916VC
Product type	Type 1 H/XLPE Termination Cable
Platform	I/A Series termination cable
Technical basis	Foxboro Type 1 termination-cable specification PSS 21H-2Z8 B4

Product page
https://www.apterpower.com/Invensys/Foxboro/p0916vc

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01 Product identity and technical profile

Cable type	Type 1
Length	3 m
Insulation system	H/XLPE
Conductors	24 (8 triads)
Conductor size	26 AWG
Nominal outside diameter	9.3 mm
Maximum outside diameter	9.7 mm
Temperature range	-40 to +90 °C

Engineering purpose

Foxboro P0916VC must be selected as a complete installed reference. Its function depends on the documented platform connection, companion hardware and approved configuration rather than physical fit alone.

02 Product characteristics

Matched connection path	Preserves the documented module-to-termination conductor arrangement.
Serviceable routing	Allows the installed cable path and connector ends to be recorded before exchange.
Installation continuity	Supports point-to-point restoration without redefining the control database.

03 Engineering overview

The complete P0916VC marking establishes the offered identity. Record all labels, connector positions and installed associations before removal because adjacent I/A Series termination cable references may differ in wiring, option content or revision compatibility.

Use the verified technical rows below to screen the offer, then compare the installed drawing and manufacturer instructions. Cable type: Type 1; Length: 3 m; Insulation system: H/XLPE. These values do not authorize transferring specifications from a neighboring model.

During replacement, preserve the approved configuration and connection map. Perform a controlled visual, electrical and functional check, record the as-left result, and release the equipment only after the responsible site authority accepts the restored type 1

h/xlpe termination cable.

Application map

Module-to-termination connection	Use P0916VC only in the compatible I/A Series termination cable arrangement identified by the approved system documentation.
Controlled cable replacement	Preserve the installed identity, connector orientation and configuration while restoring the documented function.
Point-to-point restoration	Use recorded as-found values and approved tests to distinguish connection, companion-hardware and product faults.
Spare-path verification	Keep the complete P0916VC reference and acceptance evidence with the asset record for future service.

04 Installation and product precautions

Confirm the complete marking	Do not shorten P0916VC or transfer data from an adjacent reference.
Record every connection	Photograph connector orientation and label each cable or terminal before removal.
Preserve the configuration	Retain the approved I/A Series termination cable database, jumpers, switches or channel assignment as applicable.
Apply controlled isolation	Follow the site energy-isolation and ESD procedure before disturbing hardware.
Verify companion hardware	Check the documented base, cable, terminal, power and partner-module relationship.
Prove the restored function	Complete visual, electrical and functional checks before return to automatic service.

05 Lifecycle and available-unit details

P0916VC is a legacy or service-supported Foxboro I/A Series reference. Confirm exact part-number applicability and installed platform revision; availability does not change the documented compatibility boundary.

Retain the exact installed type 1 h/xlpe termination cable, connection map and configuration record. Evaluate a substitute only against the approved I/A Series termination cable documentation.

Offered identity	Complete P0916VC marking, revision or option code, connector condition and installed configuration
Included items	the identified type 1 h/xlpe termination cable only; cables, terminals, bases and companion hardware only when itemized
Supply confirmation	Quantity and dispatch timing are confirmed in the quotation.

06 Technical notes

Evidence boundary	Technical rows apply to P0916VC or its explicitly identified manufacturer family context.
Compatibility	Physical fit does not establish electrical, firmware or system compatibility.
Commissioning	Use approved Foxboro instructions and site procedures for final installation and release.

07 Product-specific FAQ

How is the cable type of P0916VC verified before installation?	Compare the complete part number, cable-type designation, connector keying and documented termination assembly. Cable length alone does not establish compatibility.
Why must the connector ends of P0916VC be photographed before removal?	The photographs preserve orientation, keying, strain-relief position and module-to-termination association for an accurate replacement.
Can P0916VC be substituted by a cable with the same length?	No. Match cable type, conductor arrangement, insulation system, connectors and approved module/termination pairing as well as length.

What bend and support checks apply to P0916VC?	Maintain the documented bend radius, connector strain relief and routing separation; do not use the connector body to support cable weight.
How should continuity of P0916VC be checked?	Use an approved de-energized point-to-point test against the installed drawing, without applying a test voltage that could damage connected electronics.
What does the insulation designation on P0916VC affect?	It governs the applicable environmental and temperature service boundary; verify the installed location against the documented cable construction.
How should P0916VC be identified in the spare store?	Record the complete part number, cable type, length, both connector ends and the associated module/termination assembly.
What commissioning evidence should be retained after fitting P0916VC?	Retain continuity results, connector photographs, routing confirmation, channel checks and the updated as-left drawing reference.

08 Recommended brand and model references

Foxboro FBM2/36 P0500RG	Termination Cable Assembly
Foxboro FBM3A/33A P0500RU	Wire Termination Cable Assembly
Foxboro FBM4/39/44 P0500RY	Wire Termination Cable Assembly
Foxboro FCP270 P0917YZ	Field Control Processor
Foxboro P0916NG	16-Channel Relay Output Termination Assembly
Foxboro P0916VB	Type 1 H/XLPE Termination Cable
Foxboro P0916WE	Type 4 H/XLPE Termination Cable
Foxboro P0916WF	Type 4 H/XLPE Termination Cable
Foxboro P0916VL	Type 2 H/XLPE Termination Cable
Foxboro P0916VM	Type 2 H/XLPE Termination Cable

Commissioning record

Installed asset	Machine, cabinet, channel or station reference
Companion identities	Base, terminal, cable, module or controller marking
Configuration baseline	Database revision, settings, jumpers or option record
Before-work evidence	Photographs, diagnostics and measured values
As-left result	Functional proof and accepted deviations
Release	Technician, reviewer and approval date

As-left verification worksheet

Exact delivered marking	P0916VC plus any visible revision or option label
Installed asset reference	Cabinet, rack, slot, station, loop or machine designation
Connector relationship	Connector identity, keying, cable destination and strain relief
Companion hardware	Base, terminal, cable, supply, partner module or controller identity
Configuration state	Approved database revision, switches, jumpers or programmed-device identity
Static checks	Continuity, supply, resistance or insulation test as applicable
Functional checks	Status, channel value, communication or controlled operating response
Deviation record	Documented difference, disposition and responsible approval