Foxboro P0916VC

Installation and verification guide

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 Connection-path preparation

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.

Buyer reference	Send the complete P0916VC marking, revision or option label, connector photographs and installed application details.
Offer comparison	Compare the offered P0916VC with the installed type 1 h/xlpe termination cable, termination hardware and approved Foxboro documentation before ordering.

02 Signal and continuity controls

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.

03 Route and strain-relief checks

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.

01	Send the full P0916VC reference, label photographs and required quantity.
02	Apply site-approved isolation and ESD controls.
03	Record connectors, terminals and configuration before removal.
04	Compare the offered hardware with the complete installed reference.
05	Install without forcing connectors or changing approved routing.

06	Restore configuration and perform controlled checks.
07	Review revision, condition, included items and connection compatibility for P0916VC.
08	Confirm quantity, dispatch date and delivery details for P0916VC in the quotation.

04 Product-specific engineering questions

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.

05 Handover evidence

Identity	Complete marking, revision and photographs
Connection	Terminal or connector map and cable destinations
Configuration	Approved database, settings or option record
Functional proof	As-found and as-left readings or diagnostic results
Acceptance	Responsible technician and release approval

06 Related service 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