# Foxboro P0916WE

Installation and verification guide

Foxboro P0916WE is a type 4 h/xlpe termination cable for the I/A Series termination cable. It provides a one-metre Type 4 paired-conductor connection between compatible modules and termination assemblies.

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| Complete reference | P0916WE |
| Product type | Type 4 H/XLPE Termination Cable |
| Platform | I/A Series termination cable |
| Technical basis | Foxboro Type 4 termination-cable specification PSS 21H-2Z40 B4 |

**Product page**
https://www.apterpower.com/Invensys/Foxboro/p0916we

**WhatsApp / technical contact**
sales13@apterpower.com | +86 18030235313

## 01 Connection-path preparation

The complete P0916WE 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.

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| Buyer reference | Send the complete P0916WE marking, revision or option label, connector photographs and installed application details. |
| Offer comparison | Compare the offered P0916WE with the installed type 4 h/xlpe termination cable, termination hardware and approved Foxboro documentation before ordering. |

## 02 Signal and continuity controls

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| Confirm the complete marking | Do not shorten P0916WE 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 4 h/xlpe termination cable.

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| 01 | Send the full P0916WE 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. |

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| 06 | Restore configuration and perform controlled checks. |
| 07 | Review revision, condition, included items and connection compatibility for P0916WE. |
| 08 | Confirm quantity, dispatch date and delivery details for P0916WE in the quotation. |

## 04 Product-specific engineering questions

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| How is the cable type of P0916WE 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 P0916WE be photographed before removal? | The photographs preserve orientation, keying, strain-relief position and module-to-termination association for an accurate replacement. |
| Can P0916WE 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 P0916WE? | 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 P0916WE 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 P0916WE affect? | It governs the applicable environmental and temperature service boundary; verify the installed location against the documented cable construction. |
| How should P0916WE 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 P0916WE? | Retain continuity results, connector photographs, routing confirmation, channel checks and the updated as-left drawing reference. |

## 05 Handover evidence

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| 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

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|---|---|
| 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 P0916VC | Type 1 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 |