APTER POWER

COMPLETE PRODUCT INFORMATION

P0902BP

I/A Series Terminal Cable Assembly

Legacy I/A Series input-module to field-terminal cable path.

PRODUCT SNAPSHOT

BRAND Foxboro	FAMILY Foxboro I/A Series
PART P0902BP	ORIGIN / HS USA / 8537101190

APTER POWER

WHATSAPP / PHONE

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SHIP FROM

Xiamen,Fujian,China

PRODUCT OVERVIEW

P0902BP provides the documented terminal-cable path between a legacy Foxboro I/A Series input-module position and its field-side screw-terminal arrangement.

- Identifies the legacy P0902BP cable assembly
- Associates the cable with documented FBM24B/FBM25B input positions
- Maintains the approved module-to-terminal wiring path
- Supports controlled point-to-point input verification

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The assembly must remain matched to the installed FBM24B or FBM25B position and the site wiring drawing. The page intentionally avoids unsupported electrical ratings where no exact current public manufacturer data sheet is available.

TECHNICAL DATA

PARAMETER	VALUE
Model	P0902BP
Product type	Terminal cable assembly
Control platform	Foxboro I/A Series
Documented module association	FBM24B / FBM25B
Signal context	Input field wiring

PARAMETER	VALUE
Field interface	Screw-terminal arrangement
Lifecycle	Legacy / discontinued
Country of origin	USA
HS code	8537101190

TECHNICAL NOTE

Because P0902BP is legacy hardware, verify the complete label, both connector ends, cable orientation, FBM24B/FBM25B association and the approved field-terminal drawing before replacement. Record every conductor and terminal, keep the assembly de-energized during service and complete point-to-point input tests before release.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

I/A Series cabinet wiring

Connects the documented input-module position to its field termination.

Legacy FBM maintenance

Preserves cable orientation and connector identity during planned service.

Termination-panel refurbishment

Maintains the approved screw-terminal and conductor map.

Input-loop recommissioning

Supports point-to-point status and channel-response testing after replacement.

PRODUCT PRECAUTIONS

1. Confirm P0902BP on the complete cable-assembly label and maintenance record.
2. Place the Foxboro controller, process and affected inputs in the approved maintenance state.
3. Isolate module and field energy before releasing either connector or terminal.
4. Record the FBM24B/FBM25B position, connector orientation and every field terminal.
5. Inspect cable condition, strain relief, connector locking and terminal cleanliness.
6. Restore the exact cable route, connector seating and documented conductor map.
7. Review FBM and system diagnostics after controlled energization.
8. Perform point-to-point input and alarm tests for every affected channel before release.

ENGINEER FAQ

Q1 How is the exact P0902BP execution identified?

Match P0902BP on the cable label and both connector ends.

Q2 What documented role does P0902BP perform?

It maintains a legacy I/A Series input-module-to-terminal wiring path.

Q3 Which installed host must be matched before fitting P0902BP?

Match the documented FBM24B/FBM25B position and site field-terminal drawing.

Q4 Which physical interfaces must be recorded for P0902BP?

Record connector orientation, cable route, strain relief and every field terminal.

Q5 What isolation or handling controls apply to P0902BP?

Isolate module and field energy before disconnecting the cable assembly.

Q6 What must be restored after installing P0902BP?

Restore the exact route, locking, conductor map, shields and grounds.

Q7 What evidence confirms P0902BP is ready for service?

Retain FBM diagnostics plus point-to-point input and alarm tests.

Q8 Which manufacturer record supports the P0902BP page?

Schneider Electric's Foxboro DCS documentation supports the platform context; exact-model ratings must come from the supplied item or controlled site drawing.

RELATED APTER POWER PAGES

Foxboro FBM202 thermocouple
Foxboro FBM203 analog input
Foxboro FBM204 analog input/
Foxboro FBM217 discrete inpu
Foxboro P0916NG fieldbus mod
Foxboro P0926HW baseplate
Foxboro FCP270 field control
Foxboro FBM201 analog input

SOURCE EcoStruxure Foxboro DCS I/O, Communications and Enclosures | Schneider Electric Foxboro DCS product documentation; exact legacy P0902BP data sheet not publicly located

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