Foxboro FCP270 P0917YZ

Model-specific technical reference

Foxboro FCP270 P0917YZ is a field control processor for the I/A Series control processor. It executes control strategy processing and communicates with I/A Series fieldbus modules.

Complete reference	FCP270 P0917YZ
Product type	Field Control Processor
Platform	I/A Series control processor
Technical basis	Foxboro Field Control Processor 270 specification PSS 21H-1B9 B3

Product page
https://www.apterpower.com/Invensys/Foxboro/fcp270-p0917yz

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01 Verified identity and technical data

Processor part	P0917YZ
Controller designation	FCP270
Control network	I/A Series control network
Fieldbus support	Foxboro fieldbus modules
Redundancy	Supported in paired controller arrangement
Configuration requirement	Installed software and network database must match

02 Evidence boundary

Values are limited to the exact reference and documented family context. Confirm the complete marking, installed termination and hardware revision before selection.

Identity control	Use the full FCP270 P0917YZ marking and installed asset record.
Configuration control	Retain the approved I/A Series control processor configuration and connection map.
Acceptance basis	Record controlled as-found and as-left evidence for the product-specific function.

03 System context

The complete FCP270 P0917YZ marking establishes the offered identity. Record all labels, connector positions and installed associations before removal because adjacent I/A Series control processor 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. Processor part: P0917YZ; Controller designation: FCP270; Control network: I/A Series control network. These values do not authorize transferring specifications from a neighboring model.

04 Compatibility screening

Confirm the complete marking	Do not shorten FCP270 P0917YZ 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 control processor 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 Related manufacturer 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 P0916NG	16-Channel Relay Output Termination Assembly
Foxboro P0916VB	Type 1 H/XLPE Termination Cable
Foxboro P0916VC	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

Reference note

Use this technical reference with the applicable manufacturer instructions and the approved installed-system drawing. It does not transfer adjacent-model values to the offered reference.