

FOXBORO I/A SERIES DCS

Product Data Sheet

FCP270

Field Control Processor Module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Field Control Processor Module	Foxboro I/A Series DCS	United States	0.60 kg

Foxboro FCP270 is a Field Control Processor Module for the Foxboro I/A Series DCS. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Processor	AMD Elan 520 at 100 MHz
SDRAM	16 MB
Flash Memory	32 MB
Module Fieldbus	HDLC
Transmission Rate	2 Mbps or 268 Kbps
Process I/O Capacity	Up to 128 200 Series FBMs subject to sizing
Configured Blocks	4,000 maximum
Minimum BPC	50 ms
Control Network	100 Mbps fiber Ethernet
Power Consumption	8.5 W maximum per module

ADDITIONAL PRODUCT DATA

Controller Class	Distributed control processor
System Platform	Foxboro I/A Series
Network Interface	100 Mbps Ethernet
Supply Voltage	24 V DC
Mounting	Controller baseplate

OFFICIAL APPLICATIONS

- Gas compression control stations: Distributed Control Systems
- Reactor and blending control units: Process Control Platforms
- Boiler and turbine control rooms: Plant Automation Systems

SYSTEM COMPATIBILITY

Match FCP270 to the installed Foxboro I/A Series DCS, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Schneider Electric / Foxboro official product specification](#)

<https://paresource.se.com/iасeries/pss/21h1/21h1b9.pdf>

AMIKON PRODUCT SUPPORT

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