

FOXBORO I/A SERIES DCS

Product Data Sheet

RH924YA FCP280

Field Control Processor Module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Field Control Processor Module	Foxboro I/A Series DCS	United States	0.80 kg

Foxboro RH924YA FCP280 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	ARM System on a Chip
Memory	128 MB SDRAM and 128 MB flash
Module Fieldbus	HDLC
Transmission Rate	2 Mbps or 268 Kbps
Fieldbus Ports	4 PIO channels
Process I/O Capacity	Up to 128 FBMs subject to sizing
Configured Blocks	8,000 maximum
Minimum BPC	50 ms
Power Input	24 V DC typical, redundant
Power Consumption	11 W maximum, single 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

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

SYSTEM COMPATIBILITY

Match RH924YA FCP280 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/iaseries/pss/41h1/41h1fcp280.pdf>

AMIKON PRODUCT SUPPORT

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