Foxboro FBM231

Serial Interface Module / Product dashboard

This consolidated record joins Foxboro FBM231 identity, technical limits, applications, precautions and release evidence on one review surface.

IDENTITY

Foxboro FBM231

PRODUCT ROLE

Serial Interface Module

PLATFORM

Foxboro DCS 200 Series

CONTROL BASIS

Exact evidence plus installed-system record

Module designation	FBM231
Current module part number	P0926GV
Operating arrangement	Redundant Master / Tracker pair
Serial ports	4 independently configurable
Physical interfaces	RS-232, RS-422 or RS-485
RS-485 device capacity	Up to 64 devices per module

The dashboard places FBM231 identity, operating role and maintenance boundaries in one review surface for the Foxboro DCS 200 Series installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Foxboro FBM231

Serial Interface Module / Technical matrix

Module designation	FBM231
Current module part number	P0926GV
Operating arrangement	Redundant Master / Tracker pair
Serial ports	4 independently configurable
Physical interfaces	RS-232, RS-422 or RS-485
RS-485 device capacity	Up to 64 devices per module
Direct RS-232/422 capacity	Up to 4 devices
DCI capacity	Up to 2,000 connections
Baud range	300 to 115200 baud
Module Fieldbus	Redundant 2 Mbps
Input supply	24 V DC +5%, -10%
Maximum consumption	7 W per module

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Foxboro FBM231 Product Specification

REVISION NOTE

PSS 41H-2S231 Rev B, May 2025

Foxboro FBM231

Serial Interface Module / Application architecture

Serial instrument integration

Collects data from supported serial field devices through four configured ports.

Redundant protocol gateway service

Maintains serial communications through a Master/Tracker module pair.

Legacy device concentration

Maps supported serial process data into the Foxboro control database.

Multi-drop RS-485 networks

Connects addressed instruments through approved RS-485 topology and termination.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the Foxboro DCS 200 Series context, FBM231 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Foxboro FBM231

Serial Interface Module / Risk and decision register

PRIMARY RISK

A mismatch between the FBM231 label and the installed serial interface module record.

CONFIGURATION RISK

Loss of the FBM231 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Foxboro DCS 200 Series item as automatically equivalent to FBM231.

RELEASE RISK

Returning FBM231 to control before diagnostics and functional response are witnessed.

Decision register

How many serial ports are available on Foxboro FBM231?

It provides four independently configurable serial I/O ports.

How is redundancy implemented for Foxboro FBM231?

Two modules operate as a Master/Tracker pair with shared field termination.

Which baud-rate range is supported by Foxboro FBM231?

Its serial ports support rates from 300 through 115200 baud.

Which supply is required by Foxboro FBM231?

The module uses redundant 24 V DC input at +5 percent and -10 percent.

Which electrical interfaces can Foxboro FBM231 use?

Each port can be configured for RS-232, RS-422 or RS-485 service.

How many RS-485 devices can Foxboro FBM231 access?

The manufacturer states that an FBM231 can access up to 64 devices in RS-485 mode.

How many DCI connections can Foxboro FBM231 support?

The redundant module pair supports up to 2,000 DCI connections.

What proves commissioning of Foxboro FBM231?

Verify all four ports, every addressed device and mapped value, then witness Master/Tracker failover without losing required communications.

Decision closeout

Approve the FBM231 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Foxboro FBM231

Serial Interface Module / Canonical record and support

Canonical identity	Foxboro FBM231
Product name	Serial Interface Module
Family	Foxboro DCS 200 Series
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Honeywell MU PDIX02 51304485 100	View Honeywell MU PDIX02 51304485 100 page
Honeywell 51402797 200 51305319 100	View Honeywell 51402797 200 51305319 100 page

MANUFACTURER EVIDENCE RECORD

Foxboro FBM231 Product Specification

PSS 41H-2S231 Rev B, May 2025

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Send the exact model, quantity, destination and requested condition for a quotation.