

Foxboro - Foxboro 200 Series FBM**P0922QS**

Legacy FBM228 FOUNDATION Fieldbus Module

Verified model data

Manufacturer	Schneider Electric / Foxboro
Part number	P0922QS
Product family	Foxboro 200 Series FBM
Product type	Legacy FBM228 FOUNDATION Fieldbus Module
Functional designation	FBM228
H1 links	4 isolated channels; up to 16 devices per link
H1 transmission rate	31.25 kbit/s
Input power	24 VDC +5/-10%
Maximum power consumption	5.0 W
Maximum heat dissipation	5.0 W
Channel isolation test	600 VAC for 1 minute between each channel and earth

Selection summary

Foxboro P0922QS is the earlier FBM228 hardware used to connect four independent FOUNDATION Fieldbus H1 networks to an I/A Series control station.

It performs H1 scheduling and device communication while isolating the four fieldbus links from each other and communicating with the controller over the module Fieldbus.

Legacy replacement work must preserve the exact baseplate, communication-module or controller context, TA arrangement, H1 schedules and available power budget.

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Maximum points	128 publisher/subscriber and 128 client/server per module; 32 of each per H1 link
Storage temperature	-40 to +70°C
Vibration	0.75 g from 5 to 500 Hz
Module Fieldbus	Redundant 2 Mbit/s
Mounting	DIN rail-mounted FBM on a supported baseplate
Module dimensions	4.5 × 10.2 × 10.4 cm (W × H × D); 11.4 cm height including mounting lugs
Module net weight	0.284 kg
Operating temperature	-20 to +70°C
Relative humidity	5 to 95%, non-condensing

Legacy Compatibility

- Identify the original controller or FCM communication path
- Record baseplate and redundancy-adapter part numbers
- Confirm software support before selecting a newer FBM228

Power and Wiring

- Calculate module power using the legacy 5.0 W value
- Preserve four separately powered and terminated H1 links
- Inspect the TA cable and connector before module removal

Database Recovery

- Archive device descriptions and H1 schedules
- Compare configured block connections with the live field devices
- Prove redundancy only after every link is stable

Application checkpoints

- Maintenance of legacy Foxboro I/A Series H1 networks
- Obsolete FBM228 spare replacement in process plants
- Four-link fieldbus service for installed intelligent devices

Evidence boundary: The official legacy FBM228 specification explicitly identifies P0922QS, its 5.0 W power and heat dissipation, and its -20 to +70°C operating range. The altitude-derated RH101SF temperature must not be copied here.

Source basis: Invensys Foxboro FBM228 P0922QS legacy official specification sheet.