

Foxboro - I/A Series / EcoStruxure Foxboro DCS**FBM215****Eight-Channel Isolated HART Analog Output Module****Verified product identity**

FBM215 is the functional designation; RH922VU is the current electronic-module part number. Termination hardware is separate and must match the installed project design.

Verified specifications

Analog output channels	8, independent and isolated
Channel mix	Any mix of standard 4-20 mA and HART devices
HART protocol	Versions 5, 6 and 7
HART communications	Point-to-point master/slave, asynchronous half-duplex, 1200 baud
HART message rate	2 messages per second; burst mode not supported
Output accuracy	±0.05% of span from 4 to 20 mA
Output load	750 Ω maximum
Maximum rate of change	20 mA in 60 ms
Output resolution	13 bits
Isolation test	600 VAC for one minute
Power consumption	7 W maximum
Heat dissipation	5 W maximum

Selection summary

Foxboro FBM215 is an eight-channel isolated analog output module supporting mixed standard 4-20 mA and HART field devices in Foxboro DCS systems.

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Module Fieldbus	Redundant 2 Mbps
Input power	24 VDC +5%, -10%
Operating temperature	-20 to +70°C
Storage temperature	-40 to +70°C
Relative humidity	5 to 95%, noncondensing
Operating altitude	-300 to +3,000 m
Storage altitude	-300 to +12,000 m
Vibration	0.75 g from 5 to 500 Hz
Contamination class	ISA-S71.04 Class G3
Dimensions (W × H × D)	4.5 × 10.2 × 10.4 cm
Weight	0.284 kg

Installation and commissioning

- Verify the project-specified termination assembly, cable and per-channel HART loop design.
- Preserve the saved channel configuration, field wiring, grounding and diagnostics before removal.
- Commission every used channel with traceable signals and verify alarms and control behavior.

Official applications

- Standard analog output control
- HART-capable actuator and positioner control
- HART device configuration and diagnostics through Field Device Expert

Evidence boundary

Dimensions and weight apply to the FBM215 electronic module. Termination assemblies, cables, redundant companion modules and packaging are excluded.

Source basis: current official Schneider Electric / Foxboro model-specific Product Specifications Sheet.