

Foxboro - I/A Series / EcoStruxure Foxboro DCS**FBM206**

Eight-Channel Isolated Pulse Input Module

Verified product identity

FBM206 is the isolated eight-channel pulse-input functional designation; RH916CQ is the current module part number; RH916XM/P0917JQ identifies termination hardware.

Verified specifications

Pulse input channels	8, independent and isolated
Input pulse rate	10 Hz to 25 kHz
Pulse-count performance	No missing pulses from 10 Hz to 25 kHz
Rate accuracy	0.01% of reading
Input impedance	10 k Ω
Field-device supply	24 VDC $\pm$ 10%, 30 mA maximum per channel
Isolation test	600 VAC for one minute
Termination assembly	RH916XM / P0917JQ
Power consumption	7 W maximum
Heat dissipation	5 W maximum
Module Fieldbus	Redundant 2 Mbps

Selection summary

Foxboro FBM206 is an eight-channel isolated pulse input module for frequency, rate and totalization signals in Foxboro DCS applications.

APTER POWER

Foxboro - I/A Series / EcoStruxure Foxboro DCS**FBM206****Additional verified specifications**

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 RH916XM/P0917JQ termination hardware and the installed cable against the project record.
- 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

- Rotational-speed pulse acquisition
- Vortex or turbine flowmeter pulse measurement
- Solid-state or electromechanical pulse and contact totalization

Evidence boundary

Dimensions and weight apply to the FBM206 electronic module. Termination assemblies, cables, redundant companion modules and packaging are excluded.

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