1

01 Readiness and operating boundary

Reconcile the complete item marking with the receiving position and capture the as-found installation before isolation.

Capture the installed identity

Confirm the complete Emerson KJ3002X1-BG2 12P1731X032 marking against the receiving record before work.

Complete item marking	KJ3002X1-BG2 12P1731X032
Documented base model	KJ3002X1-BG2
Input channels	8

Prove the work boundary

Place the connected process, rack, machinery and control functions in the approved maintenance state.

Identity	KJ3002X1-BG2 12P1731X032
Host	DeltaV M-series
Acceptance	Isolation and label record

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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KJ3002X1-BG2 12P1731X032

2

02 Configuration and interface setup

Convert retained records into a controlled map of power, signal, communication, terminal and configuration interfaces.

Build the channel map

Record the installed position, wiring, terminal hardware, settings and companion components before removal.

Documented base model	KJ3002X1-BG2
Input channels	8
Supported thermocouples	B, E, J, K, N, R, S and T

Classify every field circuit

Create a point-by-point map of every affected connector, terminal, channel, address and setting.

Identity	KJ3002X1-BG2 12P1731X032
Host	DeltaV M-series
Acceptance	Channel map approved

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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3

03 Installation and service sequence

Install the exact hardware identity and rebuild each interface without altering the approved architecture.

Restore the physical assembly

Isolate every affected electrical and process-energy source and verify the safe state.

Input channels	8
Supported thermocouples	B, E, J, K, N, R, S and T
Additional input	Uncharacterized millivolt source

Apply controlled settings

Protect keyed connectors, terminals and electronics from contamination, strain and electrostatic damage.

Identity	KJ3002X1-BG2 12P1731X032
Host	DeltaV M-series
Acceptance	Assembly and settings restored

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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4

04 Verification and fault isolation

Energize under controlled conditions and observe every available module, rack, process and system diagnostic.

Observe supervised states

Restore only the recorded wiring, grounding, shielding, settings and matched companion hardware.

Supported thermocouples	B, E, J, K, N, R, S and T
Additional input	Uncharacterized millivolt source
Conversion resolution	16 bit

Exercise fault indications

Energize in the controlled sequence and review every available module, rack and system diagnostic.

Identity	KJ3002X1-BG2 12P1731X032
Host	DeltaV M-series
Acceptance	Supervision response recorded

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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5

05 Acceptance and service handover

Release the equipment only after identity, installation and functional evidence are recorded together.

Compile the acceptance package

Function-test eight-channel thermocouple and millivolt acquisition and retain the signed acceptance result before service release.

Complete item marking	KJ3002X1-BG2 12P1731X032
Documented base model	KJ3002X1-BG2
Input channels	8

Authorize the handover

Attach the as-left diagnostic state and named release owner to the handover record.

Identity	KJ3002X1-BG2 12P1731X032
Host	DeltaV M-series
Acceptance	Release evidence complete

Emerson A6120

Emerson A6110

Emerson SE4006P2 KJ3241X1-BK1 12P4710X022

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