

KJ3003X1-EA1

DeltaV M-series analog input module

CONTROLLED ENGINEERING COPY

Confirm the complete part number, carrier position, terminal-block type and channel range; isolate loop power, preserve shield terminations and verify scaling at controlled low, midpoint and high inputs.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	KJ3003X1-EA1
Manufacturer part	KJ3003X1-EA1
Hardware type	KJ3003X1-EA1
System family	DeltaV M-series traditional I/O



APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

- 1

Verify the complete KJ3003X1-EA1 marking and the assigned DeltaV M-series traditional I/O position before work.
- 2

Place the connected machine or process in the approved maintenance state before disturbing KJ3003X1-EA1.
- 3

Isolate the applicable power and field energy, then confirm a safe state before disconnecting KJ3003X1-EA1.
- 4

Record connector, conductor, slot and configuration identities before removal of KJ3003X1-EA1.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.

MATCHED HARDWARE

- DeltaV M-series I/O carrier
- Matching field terminal block
- Field transmitter loops
- Control module and channel configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	KJ3003X1-EA1 / KJ3003X1-EA1 recorded
Physical interface	DeltaV M-series I/O carrier
Companion check	Matching field terminal block
Functional proof	Occupies an M-series I/O carrier position
Application test	Process transmitter acquisition

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Part number	KJ3003X1-EA1
Platform	DeltaV M-series
I/O function	Analog input

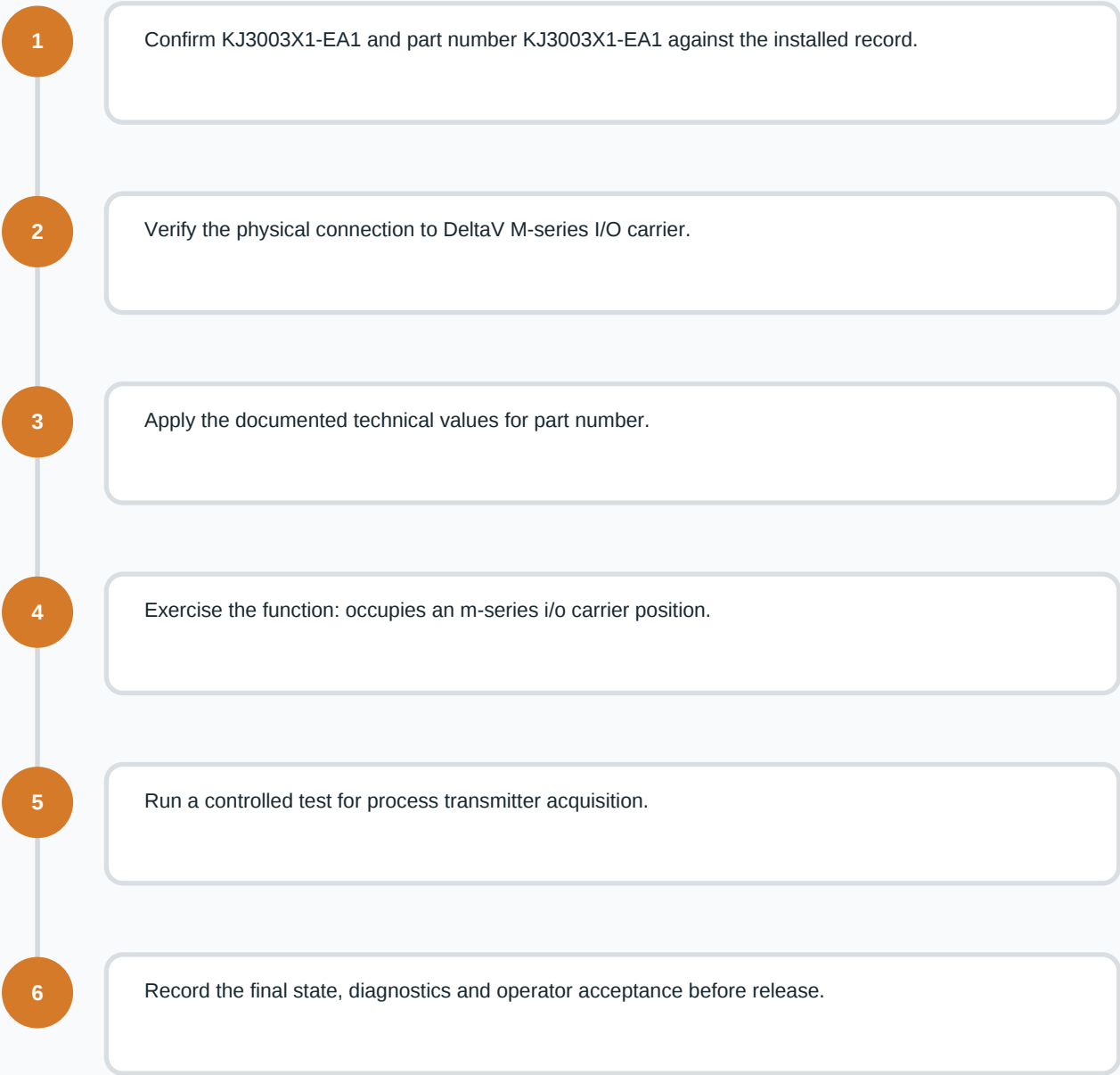
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	DeltaV M-series I/O carrier
Companion hardware	Matching field terminal block
Field connection	Field transmitter loops
Primary system function	Occupies an M-series I/O carrier position
Controlled acceptance duty	Process transmitter acquisition

FIELD NOTE

Confirm the complete part number, carrier position, terminal-block type and channel range; isolate loop power, preserve shield terminations and verify scaling at controlled low, midpoint and high inputs.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	KJ3003X1-EA1 / KJ3003X1-EA1 recorded
Physical interface	DeltaV M-series I/O carrier
Companion check	Matching field terminal block
Functional proof	Occupies an M-series I/O carrier position
Application test	Process transmitter acquisition

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm that the installed companion hardware and approved project match the KJ3003X1-EA1 arrangement.
- ☐
- Restore power in a controlled sequence and review device, rack and host diagnostics.
- ☐
- Prove the intended function and retain the final test result before returning KJ3003X1-EA1 to service.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	KJ3003X1-EA1
INSTALLED POSITION	Documented DeltaV M-series traditional I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
396P-02-12-55	Related Emerson product	View 396P-02-12-55 page
396P-08-10-55	Related Emerson product	View 396P-08-10-55 page
KJ3002X1-BG2-12P1731X062	Related Emerson product	View KJ3002X1-BG2-12P1731X062 page
KJ3002X1-BB1-12P0683X082	Related Emerson product	View KJ3002X1-BB1-12P0683X082 page
KJ3001X1-BB1-12P0550X142	Related Emerson product	View KJ3001X1-BB1-12P0550X142 page
PR6423-00R-101-CON031	Related Emerson product	View PR6423-00R-101-CON031 page
KJ4001X1-NB1-12P3368X012	Related Emerson product	View KJ4001X1-NB1-12P3368X012 page
KJ4001X1-NA1-12P3373X012	Related Emerson product	View KJ4001X1-NA1-12P3373X012 page

Emerson DeltaV M-series hardware documentation

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