KJ3221X1-BA1 12P2531X122 VE4003S2B2

Emerson / DeltaV Series 2 HART analog output card

Emerson KJ3221X1-BA1 12P2531X122 VE4003S2B2 is offered as a DeltaV Series 2 HART analog output card, based on the photographed KJ3221X1-BA1 / 12P2531X122 nameplate.

Overview

The photographed card is marked AOUT HART SERIES-2, identifying its physical I/O role as analog output with HART. In a configured DeltaV system, an analog output card sends commanded 4–20 mA signals to suitable field devices while HART communication supports device-level information on the loop.

The card label shows KJ3221X1-BA1, PN 12P2531X122 and revision R. The additional supplied string VE4003S2B2 is associated with an analog-input assembly in Emerson catalog material. It is retained as an ordering reference here but is not used to assign input-card electrical characteristics to the photographed output card.

Technical specification matrix

Physical card identity	KJ3221X1-BA1
Card part number	12P2531X122
Nameplate function	AOUT HART SERIES-2
Analog signal family	4–20 mA output
Communication	HART
Identified revision	R on photographed unit
Nameplate manufacturer	Fisher-Rosemount Systems
Additional supplied reference	VE4003S2B2; requires order-code reconciliation

Applications and system fit

Process control outputs Drive configured 4–20 mA control signals to suitable valve positioners, converters or other analog-input field devices.	**HART device communication** Use the loop for supported HART access to a paired field instrument when enabled by the installed DeltaV configuration.
Series 2 I/O restoration Replace a matching Series 2 analog-output card while preserving channel assignments and termination hardware.	**Loop diagnostics** Compare commanded output, measured loop current and field-device response during controlled troubleshooting.

Product precautions

Check the physical label Match KJ3221X1-BA1 and 12P2531X122 on the offered output card.	**Reconcile the extra code** Clarify VE4003S2B2 with the quotation because its catalog function differs from the photographed card.

Source and application boundary

Offered-item nameplate identifies KJ3221X1-BA1, 12P2531X122, AOUT HART SERIES-2. Emerson DeltaV M-series Traditional I/O data sheet assigns VE4003S2B2 to an analog-input assembly; that additional reference is not treated as an output-card specification.

The output-card identity follows the offered-item nameplate. VE4003S2B2 remains an unreconciled additional reference and is not a source for output specifications.

Related product references

Separate product listings for project review; confirm each order code and system fit independently.

Emerson KJ3243X1-BK1 SE4022 12P4691X042	Emerson KJ3003X1-EA1

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Send the complete model and installed-system details when requesting a quotation.