IC697VAL314

General Electric / Isolated Four-Channel Analog Output Module

GE IC697VAL314 is offered as an isolated four-channel analog output module for the appropriate installed GE control system. Confirm the complete marking and system configuration before replacement.

Overview

IC697VAL314 is a four-channel isolated analog-output module for a compatible GE Fanuc rack. It generates current signals for engineered field-control loops rather than reading analog inputs.

The module provides four 4–20 mA channels, numbered 0 through 3, with 12-bit resolution. The GE user manual describes internal 15 V loop power or an external loop supply up to 30 V, selected with channel jumpers. The eight-channel IC697VAL318 is a separate model and its channel count must not be assigned to IC697VAL314.

Technical specification matrix

Output channels	4 isolated channels
Output signal	4–20 mA current
Resolution	12 bit
Channel numbering	0–3
Loop supply	Internal 15 V or external supply up to 30 V
Loop-supply selection	Per-channel jumpers

Applications and system fit

Process analog control
Drive compatible 4–20 mA final-control or indication loops from a configured GE rack.

Four-channel restoration
Replace a matched IC697VAL314 while preserving output assignments 0 through 3.

Internally powered loops
Use the documented 15 V internal loop option where the approved circuit permits it.

Externally powered loops
Use a suitable external supply within the documented limit and matched jumper setting.

Product precautions

Place loops in safe state Coordinate process isolation and output handover before removal.	**Record jumpers** Photograph each channel loop-supply selection before exchange.
Check loop polarity Preserve terminal and field-device connections.	**Verify supply design** Do not mix internal and external loop supplies inadvertently.

Source and application boundary

GE Fanuc GFK-2093, PACSystems RX7i module listing, and GFK-2057, Analog Output Modules IC697VAL314/318 User Manual.

GFK-2093 and GFK-2057 identify IC697VAL314 directly. The four-channel, 12-bit and loop-supply entries apply to this exact module, not the eight-channel IC697VAL318.

Related product references

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

General Electric DS3800NOAA1F1D	General Electric DS200FSAAG2ABA DS2020FECNRX010A

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