SERIES 90-30

Product Data Sheet

IC693ALG392

Analog Current Voltage Output Module

OUTPUT CHANNELS	CURRENT OUTPUT RANGES	VOLTAGE OUTPUT RANGES	EXTERNAL SUPPLY RANGE
1 to 8 selectable; single-ended	**0 to 20 mA; 4 to 20 mA**	**0 to 10 V; -10 to +10 V**	**20 to 30 V DC; 24 V DC nominal**

IC693ALG392 is an Analog Current Voltage Output Module in the Series 90-30 family. It supplies analog current or voltage commands to field equipment in compatible Series 90-30 installations.

01 VERIFIED TECHNICAL DATA

Output channels	1 to 8 selectable; single-ended
Current output ranges	0 to 20 mA; 4 to 20 mA
Voltage output ranges	0 to 10 V; -10 to +10 V
External supply range	20 to 30 V DC; 24 V DC nominal
External supply ripple	10% maximum
Backplane current	110 mA at 5 V DC
Field supply current	315 mA at 24 V DC
Update rate	8 ms approximately, all eight channels
Current accuracy at 25deg C	±0.1% typical; ±0.25% maximum of full scale
Voltage accuracy at 25deg C	±0.25% typical; ±0.5% maximum of full scale

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Current conversion steps	0.5 microA at 4-20 mA; 0.625 microA at 0-20 mA
Voltage conversion step	0.3125 mV per count
Voltage load resistance	2 kohm minimum
Current load capacitance	2000 pF maximum
Current load inductance	1 H maximum

03 DOCUMENTED USE SETTINGS

Chemical Manufacturing and Process Production: Industrial Chemical Production.

Electric Power and Energy Generation: Electric Power Generation Processes.

Industrial Manufacturing and Production Automation: Industrial Production and Assembly.

04 SYSTEM COMPATIBILITY

IC693ALG392 belongs to the Series 90-30 platform and serves as an Analog Current Voltage Output Module. Match the complete article code and installed hardware revision before using the applicable manufacturer documentation.

05 PRODUCT EVIDENCE

GE Intelligent Platforms GFK-2557C, ALG392 analog output modules

AMIKON PRODUCT SUPPORT

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