

## 1 DESCRIPTION

The Horner APG 4-20mA Isolated Analog Output module is compatible with GE Fanuc Field Control. It provides four analog channels with a resolution of 12-bits. Isolation levels are 500VAC, 750VDC channel-to-channel and channel-to-ground. The module converts a digital value, accessed from the Bus Interface Unit, into an analog current. These modules are physically housed in the standard Field Control I/O case, and are compatible with a variety of I/O bases, providing flexible termination options.

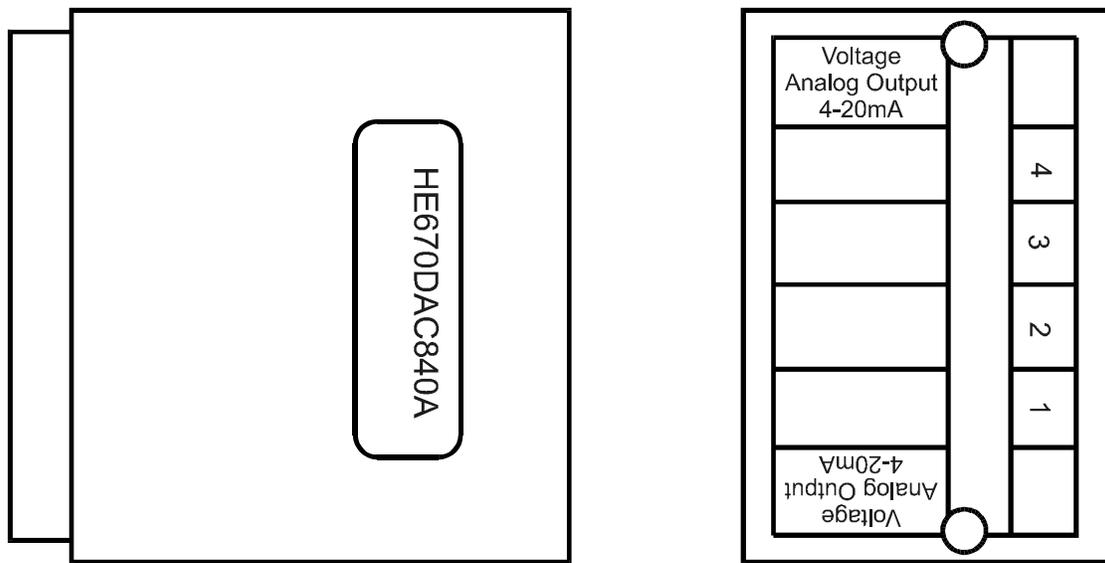


Figure 1 – HE670DAC840 Module

## 2 SPECIFICATIONS

Table 1 – HE670DAC840 Specifications			
Specification	HE670DAC840	Specification	HE670DAC840
Power Consumption	130mA from backplane	Resolution (bits)	12-bits
Number of Channels	4	Resolution (current)	5uA
Range	4-20mA	Maximum error at 25• C	+/-0.1% Full Scale
Channel-to-Channel Isolation	750VDC	Operating Temperature	0 to 75• C
Common Mode Range	750VDC	Relative Humidity	5% to 95%, non-condensing
Maximum Load	1.1kohms @ 24VDC loop voltage	Input Power	24VDC +/-10%