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Find the *Curtiss-Wright / DY-4 IP4-661* at our website: ***Click HERE***

IP4-661 D/A Module



See SVME/DMV-209 IP I/O System Data Sheet

News Release

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The IP4-661 Digital to Analog Converter module provides three independent channels of high-resolution 16-bit digital to analog conversion. Applications include instrumentation, precision positioning, calibration and remote programming. Factory calibration and low drift produce high accuracy and repeatability for precision applications. Four output ranges, including both bipolar and unipolar plus remote sense provide direct interfaces to target hardware in most cases.

Sophisticated features make the IP4-661 versatile and easy to interface in demanding applications. The digital voltages (DAC registers) are readable by software. The DACs may be cleared by software or reset to bipolar or unipolar 0. External power supplies may be used to minimize system noise. DACs include internal de-glitching hardware which produces a faster settling time. This makes the IP4-661 suitable for high-resolution waveform generation.

Factory calibration is standard. The module is calibrated to ±3 LSB. Output is always monotonic. Calibration consists of correction parameters stored in the ID PROM. Driver software reads the calibration parameters to correct digital data prior to writing to the DAC.

FEATURES:

- 16-bit resolution
- 3 channels
- +5 V, +10 V, ±V, ± V ranges

Complete specifications for all products can be found in our catalog, which you can obtain by making a literature request.

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Fax: (613) 599-7777
Phone: (613) 599-9191
Email: sales@dy4.com
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