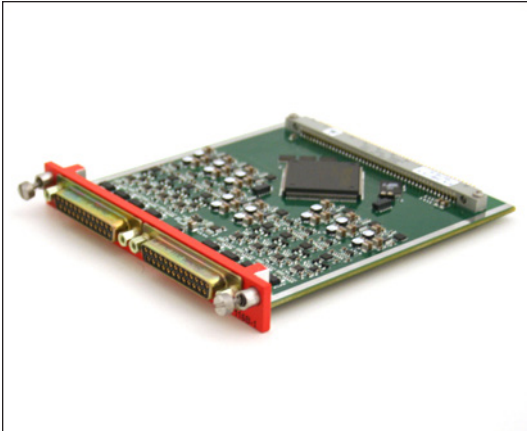


16-Channel Programmable Voltage Excitation Card



Applications

- Transducer Excitation

Features

- 16 channels of bi-polar excitation voltage
- Programmable outputs including:
 - 0V, $\pm 2.5V$, $\pm 5V$, $\pm 7.5V$, $\pm 10V$, $\pm 15V$
 - Selectable in groups (2 positive channels and 2 negative channels)
 - Accuracy of $\pm 0.15\%$ per group
 - Up to $\pm 90mA$ per group
 - Each group is short-circuit protected
- Powered from external +28V DC supply
- RS-232/422 programming interface for system setup
- Programmed with included Windows based software

Description

The VEX-116B-1 card is a 16 channel, programmable, bi-polar, constant voltage excitation card. Programmable outputs include 0V, $\pm 2.5V$, $\pm 5V$, $\pm 7.5V$, $\pm 10V$ and $\pm 15V$ settable in group with an output accuracy of ± 0.15 percent maximum over the operating temperature range. Each group consists of two positive channels and two negative channels. Each group of outputs can provide up to $\pm 90mA$ output current and is short circuit protected.

Revision 05/13/2015

VEX-116B Datasheet

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Specifications subject to change without notice.

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