Data acquisition

VME and Critical Systems Resource Guide 2007

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V365

The V365 is an 8-channel single-width, 6U height VME module designed specifically to acquire low frequency inputs from industrial speed sensors. The module can measure frequency and period over a wide dynamic range, and is specifically designed to ensure reliable measurement in high-noise industrial environments.

Four independent programmable overspeed blocks are provided. Each may be aimed at any selected tach channel, and each is programmable to trip on static or latched overspeed or underspeed conditions. Control provisions include relay polarity and startup override, and provision is made for self-test of the overspeed facilities.





FEATURES

- > Intelligent 8-channel period/frequency/RPM measurement module
- Ideal for signal conditioning of magnetic speed pickups, flowmeters, and encoders
- High noise immunity ensures accurate measurement in industrial environments
- Internal signal conditioning accepts direct input from common speed sensors
- Incorporates four programmable overspeed/underspeed blocks with independent SPDT relay outputs
- Signal monitor connectors monitor analog and digital signal of any channel and allow for in-crate testing

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