

KineticSystems

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PXI Product-P635

KineticSystems' P635 is a single-width, 3U, PXI bus module with 8 frequency measurement channels. This counter module can be used to monitor a variety of pulse sources. Moreover, its unique circuitry allows the monitoring of a wide range of frequencies without changing any module settings.

TTL inputs are provided as well as differential input circuits, with a programmable high-frequency noise filter and hysteresis to provide high noise immunity. The analog path also includes programmable gain control. The gain control sets the input switching threshold, while the filter provides a 3 dB rolloff at 50 kHz. AC or DC coupling of the differential inputs is programmable on a per-channel basis.



FEATURES

- Eight frequency counter channels
- Frequency range from 0.06 Hz to 100 kHz
- Differential and TTL inputs provided
- Differential input range 20 mV to 20 V
- Programmable AC/DC differential inputs
- Programmable observation window: 1 ms to 1.025 sec