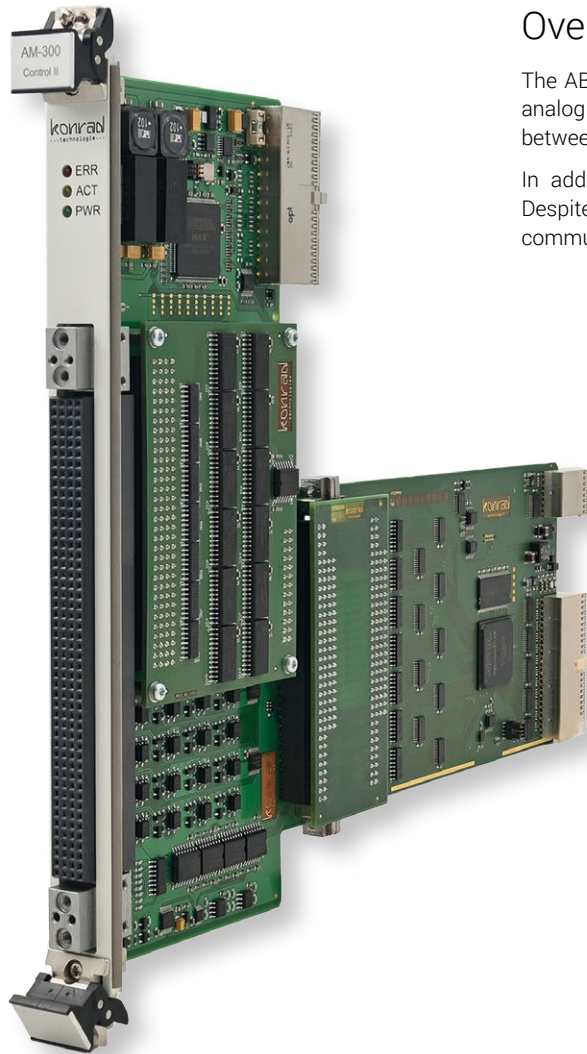


ABex AM-300 Controller

ABex PXI to Analog Bus Bridge with digital IOs



Overview

The ABex system controller ABex AM-300 is required to control the analog bus of a ABex chassis. It is used as an interconnection bridge between PXI and ABex backplane.

In addition it features a whole bunch of additional functionality. Despite the 96 open drain outputs it has galvanically isolated IOs, and communication interfaces.

Features

- 96x digital outputs (open drain)
- 16x galvanically isolated outputs (opto-Relays)
- 16x galvanically isolated inputs (optocoupler)
- 4x analog outputs
- 4x analog inputs
- 2x I2C interfaces
- 1x SPI interface digital output circuit
- Standard 192 pin ABex front connector
- Integrated in Konrad DigitalIO and NI TestStand