

Actuator Interface Units (AIU)

Actuator Interface Units (AIU) systems serve as a focal point in tying a wide variety of sensors together that indicate temperature, flow, level or pressure. These Modular Open Systems Approach (MOSA) systems feature different analog and digital input and output modules that can be used with a wide range of function types including AC excitation, LVDT, variable reluctance, thermocouples, and RTDs. NAI's rugged AIU systems offer a DO-178C & DO-254 Certifiable solution and are ruggedized to withstand -40° C to +71° C and qualified to MIL-STD-1275D & MIL-STD-704A with 50 ms holdup (power supply); MIL-STD-461F & MIL-STD-810G.



Features

- 2 x MIL-STD-1553 & 12 x Programmable Discrete IO (CM8)
- 16 x ± 100 VDC A/D Channels (ADF)
- 8 x Programmable RS-232/422/485 Serial Channels (SC3)
- 2 x AC Excitation References (AC2)
- 4 x LVDT Measurement Channels (LD2)
- 4 x ± 40 VDC 100 mA Digital to Analog Channels (DA3)
- 24 x ARINC-429/575 Channels (2 x AR1)
- 16 x Programmable RTD or Thermocouple measurement (2 x TR1)
- 16 x Variable Reluctance/Pulse Counter Measurement Channels (VR1)
- 28 VDC Input PSU per VITA 62 (VPX68) with at least 50 ms holdup.
- MIL-STD-810G, MIL-STD-461F and DO-160 environmental and EMI/EMC qualifications.

For more information Contact TPT KK

詳細はメール（sales.t@tptech.co.jp）でのお問い合わせもしくはホームページ（<http://www.tptech.co.jp/>）をご参照ください。

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