



Key Facts

- Analog / Digital converter
- Several analog and discrete inputs
- Integrated into CANaerospace CDARS system
- Data rate up to 1 Mbit/s

The MDIU is an integrated micro computer system with a number of analog, discrete and communication inputs/outputs that uses a CANaerospace network interface for communication with other systems.



Interface Input

- 4 analog inputs (± 10 VDC),
- 8 discrete inputs (± 5 -28 VDC)
- 2 type K thermocouple
- 1 variable reluctance speed (VRS) magnetic pickup transducer
- 1 optically decoupled magnetic pickup transducer
- 2 ARINC 429 inputs
- 1 RS-232, 1 RS-422 receiver

Interface Output:

- 8 discrete outputs (28 VDC / 0.5 A)
- 2 PWM/stepper motor drivers (28 VDC / 0.5 A)
- 1 ARINC-429 output
- 1 RS-232, 1 RS-422 transmitter



Mechanical Information

- 115 x 49 x 31,5 mm
- Weight 230 g



Electrical Supply

- EN2282 Aircraft power (9-36 VDC)
- 0.2 A @ 14 VDC