Epsilon

Standalone

Epsilon configuration is intended for use as an autopilot controlling the whole aerial vehicle flight including (but not limited to) engine control, aircraft guidance, mission control, take-off, landing. This configuration supports industry standard MIL-STD-1553 to enable easy integration with available third-party devices operating over this interface.

Use cases

- Autopilot with MIL-STD-1553 support

Devices included

- FC-P01-000
- NAV-001-000
- IO-001-000
- LSI-002-000

Connectors

J01, J02	micro-D, Receptacle, 25-pin	
each connector:	• 2xRS-485 • 2xCAN	• 1xRS-232 • 1xEthernet and power
	• J01 additionally has console RS-232 interface	

J09, J10, J11 (Optional)	micro-D, Receptacle, 9-pin
each connector:	• 1xSpaceWire

J03, J04	micro-D, Receptacle, 15-pin	
each connector:	· 2xVoltage in · 6xPWM in · 6xPWM out	· 3xRPM inductive sensor · 2xThermocouple · 3xThermistor

J07, J08	micro-D, Receptacle, 9-pin
each connector:	· 1x Dual Channel (i.e. A+B) MIL-STD-1553

STATIC, PITOT	Pneumatic fittings for static and dynamic (pitot) pressure sensors

A01	GNSS receiver SMA female RF connector

Ordering information

Part Number	PD-E01-001