

MIL-STD-1553 to 0-10VDC Output

Part Number: YED/1553/R1/DAT1

This converter extracts a field from a 1553 data word contained in a specified 1553 message and translates it into a 0-10VDC output. **The 1553 data word to be converted should be specified by you when requesting a quote.**

The unit is powered from an external 28 VDC (18-36V) nominal supply with internal current and thermal (102 °C) fuse. The inputs are also reverse polarity protected.

The converter employs a 12-Bit D/A resolution converter which takes its input from data word bits 0..15. Other output voltage options and resolutions are available upon request.

The connections for the YED/1553/R1/DAT1 Adapter are via a D9 filtered plug as follows:

Signal Name	PIN #
+28 Volts DC (18-36V)	1
0 Volts (GND)	2
	3
	4
	5
	6
	7
Analog +ve output	8
Analog -ve output	9

Output has 680nF capacitor across Analog output

All units are designed to meet the European and US EMC regulations.