

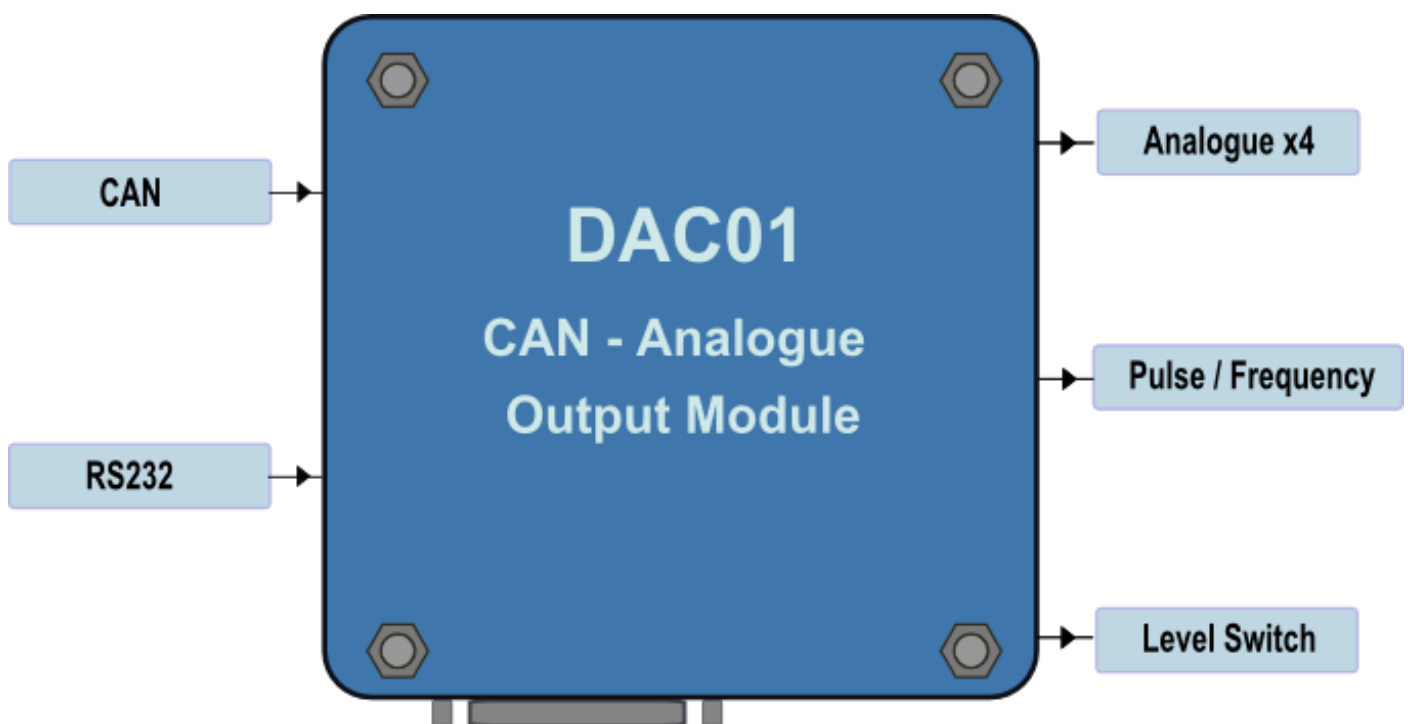
CAN to Analogue Output Module (RLDAC01)



The CAN to analogue output module is designed to convert CAN bus data into voltage and digital output. In this way it is possible to log data from a CAN bus with data logging equipment not incorporating a CAN interface.

Four analogue voltage outputs are available and these can be mapped using the configuration software to output virtually any CAN bus parameter. An example might be throttle position data read from CAN and converted into a 0 to 10v signal.

The module is also equipped with seven digital outputs, of which four can be set as frequency generators.

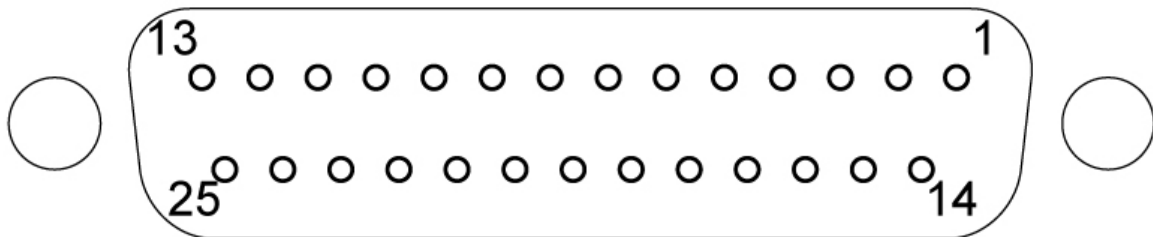


CAN to Analogue Output Module (RLDAC01)



Specification	
Output Channels	4 Analogue Channels 7 Digital Channels
Output Signal Range	
Analogue Voltage	0 to +10VDC
Digital	0V/+12 VDC
Resolution	
Analogue Voltage	12 bit, 2.44 mV per bit
Timer Compare	16 bit
Voltage Accuracy	±0.1%
Power Supply Voltage	+6-18VDC (± 10%)
CAN	
Type	CAN 2.0A or CAN2.0B Compatible
Baud Rates	250Kbit/s, 500Kbit/s, 1Mbit/s

Signal Connections



25 Way Female Sub D Connector

Pin	Function	Pin	Function
1	Digital Output 1	14	Ground
2	Digital Output 2	15	Ground
3	Digital Output 3	16	Ground
4	Digital Output 4	17	Ground
5	Digital Output 5	18	Ground
6	Digital Output 6	19	Ground
7	Digital Output 7	20	Ground
8	Ground	21	Analogue Ground
9	Analogue Ground	22	Analogue Output 4
10	Analogue Output 3	23	Analogue Ground
11	Analogue Ground	24	Analogue Ground
12	Analogue Ground	25	Analogue Output 2
13	Analogue Output 1		

CAN to Analogue Output Module (RLDAC01)



Package Contents

Description	Product Code
VBOX CAN to analogue output module	VBDAC01
VBOX serial PC cable	RLCAB001
5 way Lemo to 6 wire un-terminated	RLCAB015-L
25 Way D connector for VB products	ADC25IPCON
CD containing standalone module	CDRLMOD