



A-CAN-Dongle Analog to CAN converter

8 Analog + 2 Digital Inputs

Analog inputs

- range 0 to 5 V
- resolution 16 bits 0.076 mV/bit

Digital inputs

- square wave level 0 to 5 V or NPN open collector
- Pull up to 5V 10 KOhms
- Max frequency 8 KHz
- Tops 1 to 100 Tops/rev

Wheel Speed

- range 0 to 500 Km/h - 0 to 500 Mph
- circumference 300 to 3000 m/rev
- resolution 0.01 Km/h/bit - 0.01 Mph/bit

Engine Revs

- range 0 to 50000 Rpm
- resolution 1 Rpm/bit

Sampling

200 Hz

CAN bus 2.0B

- Output data 120 Ω not installed (on demand) 16 bits per channel
- Baud rate 125 k to 1Mbps
- Frequency 1 Hz to 200 Hz, request mode

Supply voltage

6 to 16 V

Supply current

25 mA

Dimensions

40 x 36 x 13 mm

Material

Plastic

Weight

30 g

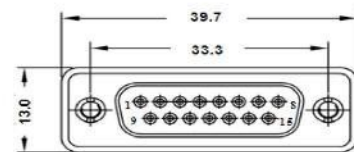
Operating temp

-20 to +80°C

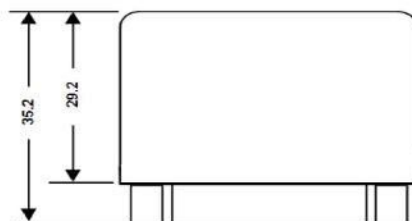
Storage temp

-40 to +80°C

Function / Colour	Description	Pin
Analog Inputs	Channel 1	1
	Channel 2	2
	Channel 3	3
	Channel 4	4
	Channel 5	5
	Channel 6	6
	Channel 7	7
	Channel 8	8
Supply	Supply (5 to 16 V)	9
	0V (GND)	10
	Shield	11
CAN	CAN HIGH	12
	CAN LOW	13
Digital Inputs	Engine Speed	14
	Wheel Speed	15



Front view



In the interest of continuous product improvement, we reserve the right to alter without prior notice the specifications and features described in this document.

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