

BC-CAN_2_Aout8Dout-000

CAN to Aout / Dout interface

Features

- Convert any CAN data to analog voltage
- Free programmable rate, identifier and formula
- Powerful 5V reference voltage output for sensor supply
- Unregulated 7 to 20V power supply
- Low power consumption



Technical specifications

Electrical characteristics

Power supply.....	8-18 V dc
Current consumption@12V.....	50 mA
Channels:	
Analog out.....	8
Digital out.....	1
CAN Interface:	
possible Baudrates.....	100 Kbaud
.....	125 Kbaud
.....	250 Kbaud
.....	500 Kbaud
.....	1 Mbaud
2D COM-line (Standard).....	Yes
Resolution.....	2 mV

Environmental data

Ambient operating range.....	0 to +75 °C
Humidity.....	5 to 95 %
Sealing class.....	IP 67

Mechanical characteristics

Dimensions.....	70 x 25 x 15 mm
Weight (incl. wires).....	80 g
Housing material.....	aluminium

Vibration resistance

Shock.....	40 G
.....	10 ms
Vibration tested at.....	12 G
.....	1000 Hz

Cable (CAN, 712 5PM)

type.....	Raychem
wire cross section..	4 x AWG 26
length.....	230 mm

Cable (COM, 719 5PM)

type.....	PUR
length.....	4 x AWG 26
	60 mm

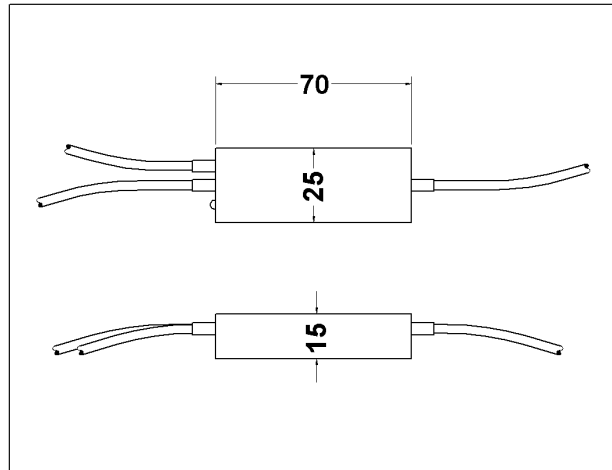
Ordering information

Art.No.:..... BC-CAN_2_Aout8Dout-000

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Dimensions



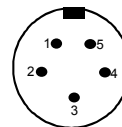
Connector layout

Connector type

CAN-line (Standard)

CAN-line Binder 712, 5pin	Pin	Name	Description	Color (standard)
	1	CAN H	CAN Bus High	white
	2	CAN L	CAN Bus Low	green
	3	GND	Ground	black
	4	n.c.	Not connected	-
	5	Vext	Power IN (8-18V)	red

Connector at module



Binder 712, 5 PM
(front side)

Mating plug

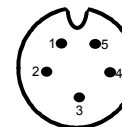


Binder 712, 5 PF
(front side)

COM-line

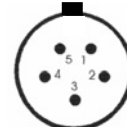
COM-line Binder 719, 5pin	Pin	Name	Description	Color
	1	TxD	Serial Bus Transmit	white
	2	RxD	Serial Bus Receive	green
	3	GND	Ground	black
	4	n.c.	Not connected	-
	5	Vext	Power	red

Connector at module



Binder 719, 5 PM
(front side)

Mating plug



Binder 719, 5 PF
(front side)

Analog OUT

Name	Color	Description
GND	black	Analog Ground
Vcc	red	+5V OUT (power supply)
Aout1	white / grey	Analog OUT 1 (0-5V)
Aout2	white / yellow	Analog OUT 2 (0-5V)
Aout3	white / black	Analog OUT 3 (0-5V)
Aout4	white / brown	Analog OUT 4 (0-5V)
Aout5	white / blue	Analog OUT 5 (0-5V)
Aout6	white / green	Analog OUT 6 (0-5V)
Aout7	white / orange	Analog OUT 7 (0-5V)
Aout8	white / red	Analog OUT 8 (0-5V)
Dout	green	Digital OUT 1 (0-Vext)
GND	brown	Digital Ground

Open wires



On request some options are possible for the CAN-line connector of all 2D CAN modules. Please take a look at the product group [Connectors] in the 2D Product catalog