



# DISPLAYS accessories: Bidirectional CAN-Converter

## MOTOMETER

*powered by solutions*

### Electrical specifications

Voltage range:	8 - 32V
Test voltage:	27V
Overvoltage:	36V / 1h at 40°C operation temperature
Nominal voltage:	12V / 24V
Stand-by current (cl. 15 off):	<10µA
Operating current:	typ. 10mA

### Input CAN-interface

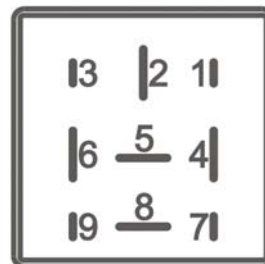
Baud rate:	100kBaud - 1MBaud
Communication protocol:	Can 2.0B, 29 bit, J1939

### Output

Number of inputs/outputs:	4
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### Mechanical specifications

Storage temperature:	100°C / 2h
Operating temperature:	-40°C - 85°C
Protection type:	IP54
Drop test:	In case of drop > 1m, do not use this part
Resistance against media:	t.b.d.
Place of installation:	variable
Material of housing:	PA6 GF
Material of socket:	PA6 GF
Material of pins:	CuZn 37F37



### Pin assignment

1	output / input 1
2	cl. 15 (ignition)
3	output / input 2
4	output / input 3
5	cl. 30 (+Ub)
6	cl. 31 (GND)
7	CAN high
8	output / input 4
9	CAN low

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### Analogue Inputs

configurable, max. 4

- 0 - 120 Ohm
- 0 - 300 Ohm
- 0 - 2 kOhm
- 0 - 30 kOhm
- 0 - 5 Volt
- 0 - 10 Volt
- 4 - 20 mA
- 0 - 20 mA

Frequency inputs: 0 -20 kHz

### Analogue Outputs

max. 4

- 0 - 5 Volt
- 0 - 10 Volt
- 4 - 20 mA
- 0 - 20 mA

PWM-Signale

Frequency outputs: 0 -20 kHz

### CAN-connection

Identifier: 2.0B for 11 bit & 29 bit

Data rate: 100 kb - 1 Mb

Scalable to 1 bit



All data subject to technical changes.

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