



ADVANCED FUEL TELEMATICS

# Programmable signal converter MasterCAN DAC15

## Functions:

Signal transformation:

- From digital to analog (5 channels)
- From analog to digital (1 channel)

## Purposes:

- Vehicle electronics
- Vehicle telematics

Analog input

- voltage
- frequency



CAN J1939

Analog outputs  
(five channels simultaneously)

- voltage
- current
- frequency
- resistive
- discrete (2 pcs)



CAN J1939

## Features

- Complies with S6 concept
- Selection from over 3000 CAN parameters
- Possibility to adjust amplitude and frequency of analog signal

## Application

- Axle load sensor connection to CAN bus
- Vehicle analog signals transmission to telematics terminal via CAN interface
- Control of standard fuel level indicator when using fuel level sensors with CAN output signal
- Analog dashboard integration with CAN bus

## Technical specifications:

Digital interface .....	CAN J1939/S6
Supply voltage range .....	9 - 45 V
Current consumption (12 V) .....	not more than 500 mA
Current consumption (24 V) .....	not more than 250 mA
Operation temperature range.....	- 40...+ 85 °C
Overall dimensions .....	95x45x25 mm

## Interfaces



- Current, discrete (2 pcs) and resistive outputs
- Analog input and output (voltage/frequency)
- Vehicle power supply connector
- CAN/S6 vehicle interface connector