

Datasheet

Carrot C-FP Fuel pump



- Brushless twin screw pump
- CAN-bus programmable with included software
- Variable flow output
- High flow with low current draw
- Fuel compatible with gasoline, diesel, methanol and ethanol.
- Power supply up to 19V in combination with optional DC-DC converter.

The Carrot C-FP Fuel pump is a standalone brushless twin screw pump with incredible output flow by a low current draw. The fuel pump is capable of delivering a variable flow depending on the requested amount of fuel. This results in efficient power consumption and no unnecessary fuel warm-up. Various demand options are possible like PWM, injector signal or CAN-bus controlled. With the free downloadable software it is also possible to program the fuel pump to your demands. The Carrot C-FP is suitable for gasoline, diesel, methanol and ethanol.

Technical specifications

Separate fuel pump and controller
Aluminium housing
CAN communication + programming
Operating voltage: 10 to 19V (DC-DC converter)
Pressure: 10bar maximum
Flow rate: max. 100 -775 l/h (depending on operation)
Current draw: 2- 26A (depending on operation)
Controller size: 108 x 65 x 39mm
Fuelpump size:181 x 45mm
Fuelpump output: AN-6 fitting

Included in the box

Carrot C-FP Fuel pump
Carrot Fuel pump controller
Basic wiring loom
DTM 6-pin female break-out
Fitting M18x1,5 to AN-8 or AN-10
2x Fuel pump mounting bracket
2x M4 x 40 bolt controller
Quick-start manual

Ordering information

Carrot C-FP Fuel pump - C-020-0022	€995,-
Carrot communication interface - C-020-0002	€125,-
DC-DC Converter 19V - C-020-0023	€250,-

All prices are ex. VAT

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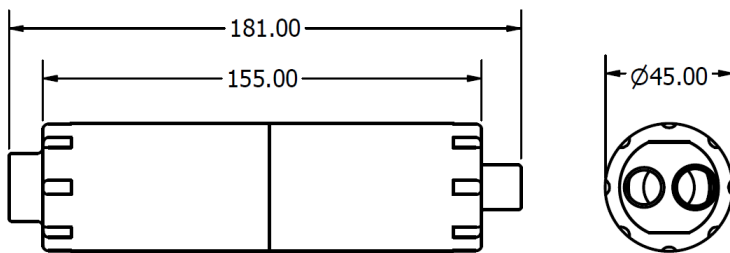
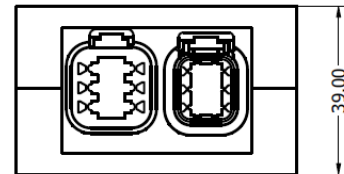
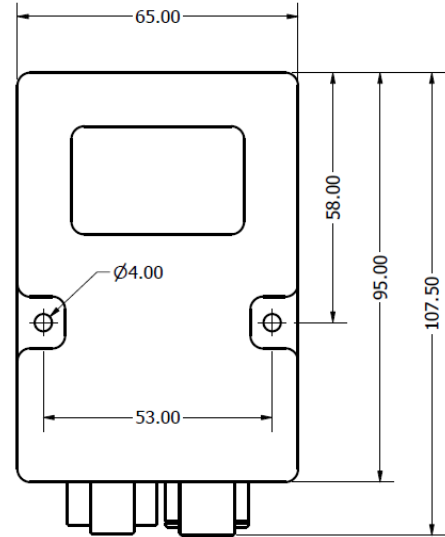
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Controller 6-pin DT male connector

1	12V supply
2	Ground
3	- N.C. -
4	Motor control 1
5	Motor control 2
6	Motor control 3

Controller 6-pin DTM male connector

1	5V supply
2	Sensor ground
3	CAN Low
4	CAN High
5	PWM input signal
6	Fuelpump enable



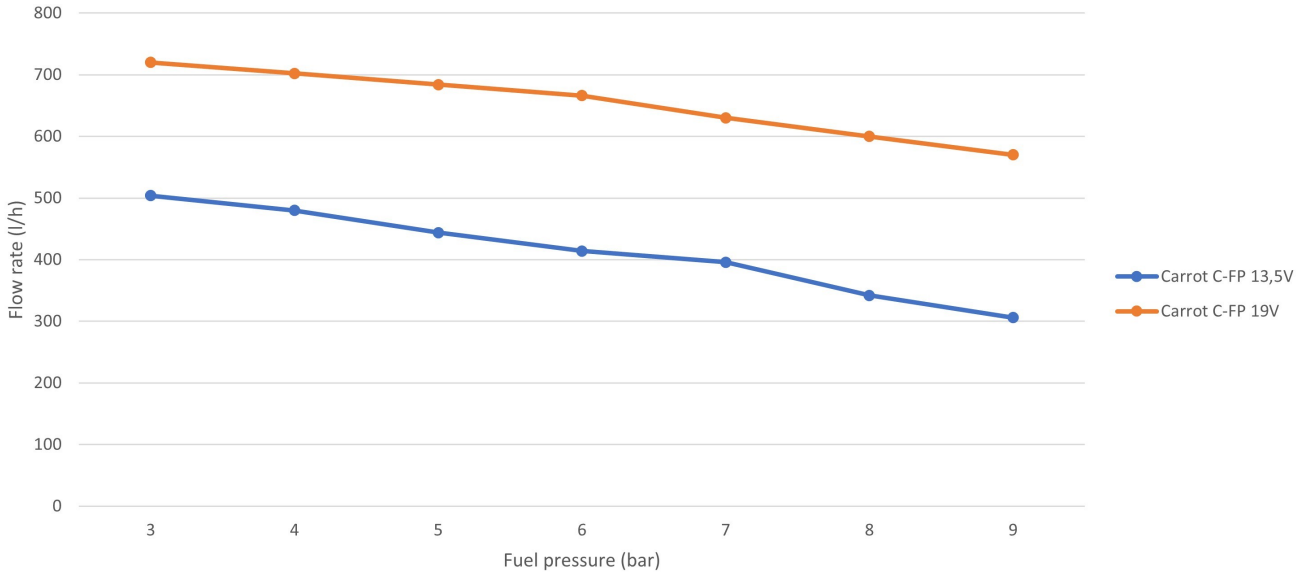
Fuel pump 3-pin DT male connector

1	Motor control 1
2	Motor control 2
3	Motor control 3

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Carrot C-FP Flow performance



Carrot C-FP Current draw performance

