

## Fuel Pump FP 165

The FP 165 is an inline roller cell pump for the installation outside the fuel tank.

It is capable of providing 165 l/h at 5 bar. Bio-fuel can be delivered up to E85.

The FP 165 is a production type fuel pump, combining good quality at a low price.



Application	
Fuel delivery	> 165 l/h
Fuel pressure	5 bar
Pressure limiting valve	7 ... 12.5 bar rel.
Fuel compatibility	E85
Operating temperature range	-20 ... 90 °C
Storage temperature range	-40 ... 70 °C
Max. vibration	3 mm at 10 ... 18 Hz ≤ 40 m/s <sup>2</sup> at 18 ... 60 Hz

Mechanical Data	
Diameter	60 mm
Length	168 mm
Weight	980 g
Mounting	clamping

Electrical Data	
Delivery rate at 5 bar and 22 °C	205 ± 5 l/h
Supply voltage	6 ... 16.5 V
Operating voltage	13.8 V
Load current at 5 bar and 22 °C	11.0 ± 2 A

Characteristic	
Surface coating	none
Color	silver
Non-return valve	internal
Fuel filtering	external, on pressure side

Connectors and Wires	
Electrical connector	+M4/-M5
Electrical mating connector	with ring wire M4 and M5
Mechanical connector intake side	M14x1.5
Mechanical connector pressure side	M12x1.5

Application Hint	
With E26/E85 or Diesel fuel run-time max. 500 h.	
For technical reasons the values may vary.	
Please use within the specified limit values only.	
Please find further application hints in the offer drawing ( <a href="http://www.bosch-motorsport.com">http://www.bosch-motorsport.com</a> ).	

Part Numbers	
FP 165	<b>0 580 254 979</b>

**Characteristic delivery rate FP 165**
