

# Fuel Pressure Regulator Mini 5



- ▶ 5 bar
- ▶ 15 to 220 l/h reflow
- ▶ Adjusted at 105 l/h
- ▶ Sheet steel housing

Fuel pressure regulators are used to maintain constant fuel pressure at the injection valves. We modified this production type based regulator especially for motorsport use and increased the pressure level.

The main benefit of this regulator include the competitively priced high quality and the high return flow rate.

## Application

Pressure range	5 bar
Reflow quantity	15 to 220 l/h
Reference pressure connector	Diam. 5 mm, tube connector
Fuel compatibility	Gasoline (E85 or M15 with shortened lifetime)
Operating temperature	-40 to 120°C
Storage temperature	-40 to 100°C
Max. vibration	<600 m/s <sup>2</sup> at 5 to 250 Hz
Valve leakage	$Q_{leak} [\text{cm}^3/\text{min}] \leq 9$ (pneumatic) at $p [\text{kPa}] = 0.8 \times P_{nom}$

## Technical Specifications

### Mechanical Data

Diameter	34.9 mm
Weight	48.5 g
Mounting	Fastening with a clip

### Characteristic

Set pressure accuracy	±2 % at 105 l/h
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## Connectors and Wires

Connector supply	Diam. 25 mm, O-ring
Connector reflow	Diam. 9.15 mm, O-ring

## Installation Notes

The tube connector at the housing can be used to supply reference pressure to the regulator. This can be atmospheric pressure, air box pressure or manifold pressure.

Never run the regulator without the integrated filter.

Please oil O-rings lightly with clean and silicone free engine oil before you install the regulator.

Please make a leak test after you have installed the regulator.

When the pressure regulator is removed and will be reused, the O-rings must be tested for fractures.

Operation of the pressure regulator with a medium other than gasoline is not allowed.

This pressure regulator is not designed for in-tank mounting.

## Ordering Information

### Fuel Pressure Regulator Mini 5

Order number **0 280 B02 722-03**

### FPR Adaptor light

Order number **F 02U V02 248-01**

