

Fuel Pressure Regulator Mini 5

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 benefits of this regulator include the competitively priced high quality and the high return flow rate.



Application

Pressure range	5 bar
Reflow quantity	15 ... 220 l/h
Reference pressure connector	diam. 5 mm, tube connector
Fuel compatibility	Gasoline, E85/M15
Operating temperature range	-40 ... 120 °C
Storage temperature range	-40 ... 100 °C
Max. vibration	< 600 m/s ² @ 5 ... 250 Hz

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

Application Hint

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 engine oil before the installation of the regulator.

Please perform a leak-test after the installation of the regulator.

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

Operation with air is not allowed.

Part Number

Mini 5	0 280 B02 722-02
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