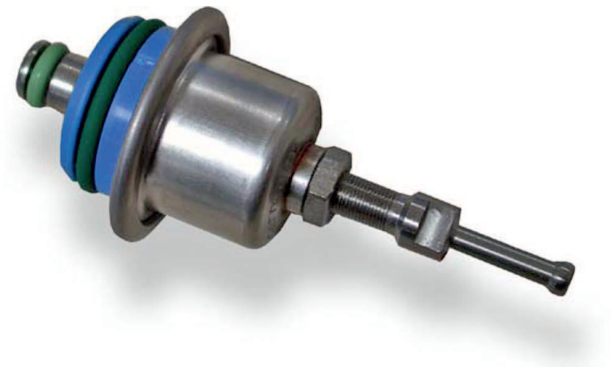
Fuel Pressure Regulator Mini A



- 2.2 to 3.5 bar/3.5 to 5 bar
- 15 to 220 l/h reflow
- Pressure adjustable
- Sheet steel housing

Fuel pressure regulators are used to maintain constant fuel pressure at the injection valves.
This regulator based on a production type regulator was specially designed for motorsport applications.
The main benefit of this regulator is the adjustability of the fuel pressure.

Application

Pressure range	2.2 to 3.5 bar 3.5 to 5.0 bar
Reflow quantity	15 to 220 l/h
Reference pressure connector	Diam. 5 mm, tube connector
Fuel compatibility	Gasoline, E85, M15
Operating temperature	-40 to 120°C
Storage temperature	-40 to 100°C
Max. vibration	<400 m/s² at 5 to 250 Hz
Valve leakage	Q_{leck} [cm³/min] ≤ 9 (pneumatic) at p [kPa] = 0.8 x P_{nom}

Technical Specifications

Mechanical Data

Diameter	34.9 mm
Weight	58 g
Mounting	Fastening with a clip

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.

Legal Restrictions

Generally blocked are direct and indirect business involving high risk destinations, including Russia, Belarus, Cuba, Iran, North Korea, Syria, Libya, Afghanistan, and certain non-governmental controlled Ukrainian regions. This list may change as geopolitics evolve.

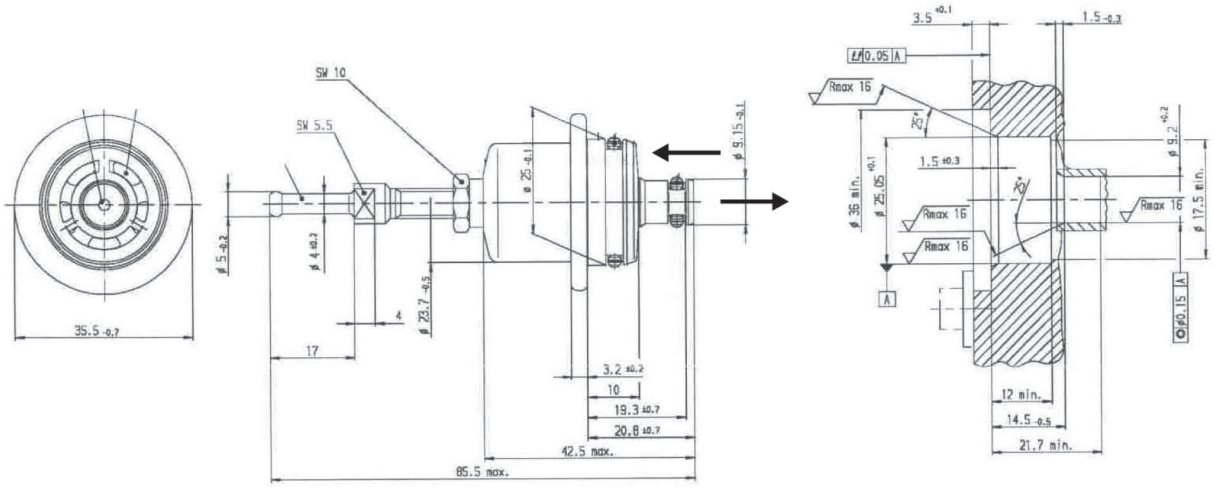
Ordering Information

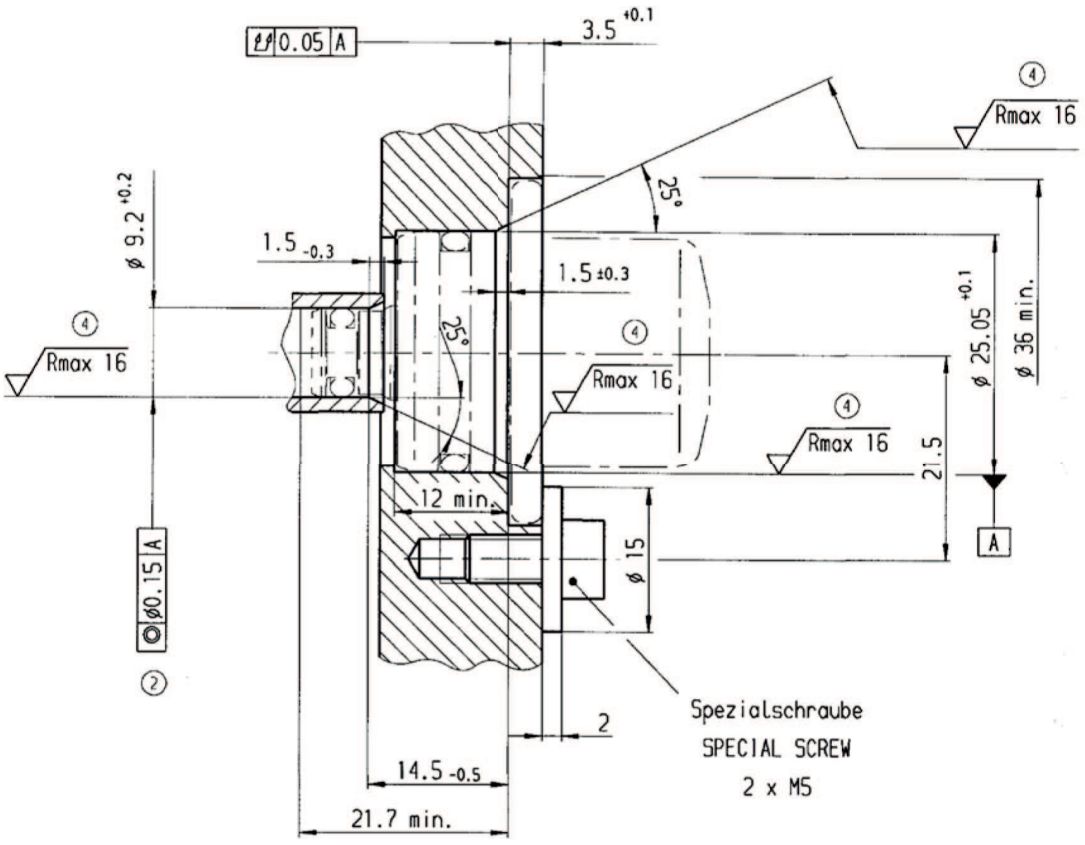
Fuel Pressure Regulator Mini A
Pressure Range 2.2 to 3.5 bar
Order number **B280.550.340-03**

Fuel Pressure Regulator Mini A
Pressure Range 3.5 to 5.0 bar
Order number **B280.550.341-05**

FPR Adaptor light
Order number **F02U.V02.248-01**

Dimensions





Installation Recommendation

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