

Pressure regulator, potable water, DVGW tested, R 3/4, 1.5-6 bar - Riegler 101361

Item no. RGL-101361

Manufacturer Riegler

EAN 4047322011396

Pressure regulator, potable water, DVGW tested, R 3/4, 1.5-6 bar

TECHNICAL DATA

Control range max. [bar]	6
Country of Manufacture	Germany
Housing material	Brass
Inlet pressure max. [bar]	16
Material	Brass
Medium	Drinking water, nitrogen, compressed air, neutral liquids
Pneumatic connection	R3/4
Seal material	NBR
Temperature (max.)	30
Thread	R 3/4
Weight	1.27 kg
Zolltarifnummer	84811005



DESCRIPTION

Pressure regulator for potable water, DVGW tested, incl. pressure gauge, Transparent sieve cup, R 3/4, Control range 1.5 - 6 bar Diaphragm pressure regulators with pressure-reduced single-seated valve and built-in strainer. These pressure regulators, which are independent of inlet pressure, protect domestic water installations against excessive supply pressure. They can also be used for commercial or industrial purposes providing their specification is adequate.

TECHNICAL DATA

Thread	R 3/4
Max. input pressure	16 bar
Housing	brass
Sealant	NBR
Min. control range	1.5 bar
Max. control range	6 bar
A	160.0 mm
B	147.0 mm
C	89.0 mm
D	58.0 mm

Medium	potable water, nitrogen, compressed air, neutral liquids
Spring bonnet	plastic
Strainer cup	transparent strainer cup
Flow rate kvs value	3.1 m³/h
Max. operating temperature	30 °C

STANDARDS AND ORIGIN

- Customs tariff number: 84811005
- Country of origin: DE

ABOUT PRESSURE REGULATORS

Pressure regulators hold the outlet pressure steady even when inlet pressure varies or consumption changes. The range covers control ranges starting between 0 and 5 bar and ending between 1 and 200 bar, with inlet pressures up to 60 bar. Ports run from G 1/8 to G 2.

WHAT MATTERS WHEN CHOOSING

- Control range: lower limits sit between 0 and 5 bar, upper limits between 1 and 200 bar. Keep the working pressure inside the range rather than at its edge.
- Flow rate from 1000 to 50000 l/min: the regulator has to cover peak demand, otherwise secondary pressure drops away on every load peak.
- Medium: besides compressed air and neutral gases there are versions for drinking water, nitrogen and argon, plus variants for ultra-fine filtered oil-free air down to 0.01 µm.
- Body material: aluminium, aluminium die-cast, brass, zinc die-cast, technopolymer, PA66 GF60, stainless steel 1.4404 (AISI 316L) and gunmetal in the Rg5, CC499K and 2.1096.01 grades.
- Series: alongside the mechanical FUTURA, SYNTESI, multifix, variobloc, inline and Standard lines, the electronically controlled REGTRONIC 300 and 400 series handle setpoint-driven applications.

TYPICAL APPLICATIONS

- Holding a steady working pressure at machines and air tools
- Reducing mains pressure to the level required by individual sub-circuits
- Setpoint-driven pressure control on test rigs using the electronic versions
- Pressure reduction in drinking water lines
- Feeding test and measuring rigs with nitrogen or argon

Sealing materials include NBR, FKM, FPM, EPDM, SBR, PU, HNBR and TPU depending on the series. 102 items are rated to protection class IP 65.

A1-ESD equipment

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