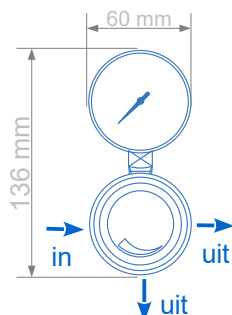
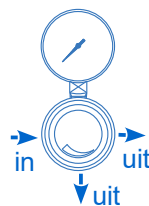


CRL series Pressure Regulators



Line regulator CRL 61-40-10
(in-/outlet fittings not part of standard scope of supplies)

Ordering information: CRL61-40 line regulators



Ordering example:
CRL 61-40-10

CRL 61-40-10

Outlet pressure P_2

1,5 – to 1,5 bar

4 – to 4 bar

10 – to 10 bar

Product features

- Brass line pressure regulator
- For non-corrosive high-purity gases up to quality 5.0
- 4 ports for flexible and individual configuration
- Very stable outlet pressure
- Inlet filters
- Regulator with high control accuracy
- Designed for easy installation
- Tested for use with oxygen
- Panels suitable for inlet pressure up to 40 bar
- Safety pressure gauges with dual bar/psi scale

Technical data

Type: single-stage

Inlet pressure P_1 : max. 40 bar

Outlet pressure P_2 : max. 10 bar

Materials:

Body regulator and valves: brass

Bonnet: brass, powder-coated

Valve seat regulator: PA 11

Diaphragm regulator: SS 301 (SS 1.4310)

Filter process gas valve: Sintered bronze

Filter pressure regulator: Sintered SS 316L

In-/Outlet connectors: 1/4"-18 NPT female

Temperature range: -30°C to +60°C

Leak rates (int. and ext.): 1×10^{-7} mbar l/s He

Weight: 1,5 kg

Pressure gauge: Safety pressure gauge
EN562 / CI2.5 / NG60
with dual bar /psi scale

Specifications line regulators

- SPECTROCOM – components guarantee maximum quality by using high grade materials and a quality assurance program acc. to ISO-9001
- All components which come into contact with the medium are cleaned in an ultrasonic cleaning system (CFC-free) with the special cleaning process SPECTRO-CLEAN® and are then baked out.
- SPECTROCOM - components undergo a function test and a 100%Helium-leak-test.

Important note regarding component selection

- In order to assure safe operation it is essential to take the configuration of the hole system into account when selecting a line regulator
- The function of the components, the compatibility of the materials, correlating temperature ranges, correct installation, operation and maintenance in accordance with the relevant regulations are the responsibility of the system designer and the user.