

# MEDENUS

Gas Pressure Regulation



Product overview

EN



prepared assemblies



## Precision and experience

### Since 1972 we produce for you.

After the company was founded in 1972 by Dieter Medenus our gas pressure regulators, safety shut off valves and safety relief valves were mounted for more than 30 years in Rösraath next to Cologne. In 2004 Dieter Medenus decided to hand over the company for reasons of age in younger hands. The production plant was moved to its present headquarters in Olpe and since then I took over the role as the General Manager of Medenus. From Olpe we supply our complete range of products with the proven Medenus Add ons. Quality with short delivery times and absolute punctuality.

Meanwhile, we have expanded our product range with the important part of gas-filtering.

Dipl.-Ing. Martin Clemens  
CEO

## SAFETY RELIEF VALVE



### SL 10

Setpoint of response pressure  $p_{us}$  max. 3.5 bar

Connections Rp 1", Rp 1½", Rp 2"

Spring loaded

Single seated valve

gas tight zero position



Any questions regarding SL 10?  
[info@medenus.de](mailto:info@medenus.de)

## SAFETY SHUT OFF VALVE



### S 50

Inlet pressure  $p_u$  max. 3 bar

Release Lack of pressure and overpressure

Connections Rp 1", Rp 1½", Rp 2"

Single seated valve

Gas tight zero position

Spring loaded



Any questions regarding S 50?  
[info@medenus.de](mailto:info@medenus.de)



### S 100

Inlet pressure  $p_u$  max. 8 bar

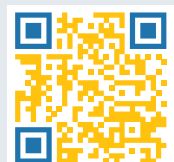
Release Lack of pressure and overpressure

Flange connections PN16 for DN 25 to DN 150;  
PN10 for DN 200

Single seated valve

Gas tight zero position

Spring loaded



Any questions regarding S 100?  
[info@medenus.de](mailto:info@medenus.de)



## MEDENUS ADD ONS

### 10 reasons for a good working relationship

---

1. consulting expertise and quality standards grown over decades
  2. wide range of well proven standard regulators
  3. customized design of pressure- and vacuum regulators as well as special constructions
  4. modern, fast and efficient production for repeat orders and individual orders
  5. guaranteed delivery dates
  6. fast reaction time in every aspects
  7. big spare parts- and buffer storage for production and spare parts service
  8. customized theoretical and practical trainings
  9. modular design of the whole product range leads to optimized spare part inventories
  10. Made in Germany
-

## GAS PRESSURE REGULATORS



### R 50

Inlet pressure  $p_u$  max. 3 bar

Outlet pressure  $p_d$  max. 1.2 bar

Connections Rp 1", Rp 1½", Rp 2"

Single seated valve

Gas tight zero position

Spring loaded

Any questions regarding R 50?  
[info@medenus.de](mailto:info@medenus.de)



### R 51

Inlet pressure  $p_u$  max. 10 bar

Outlet pressure  $p_d$  max. 3 bar

Flange connections PN16 for DN 25

Single seated valve with primary pressure equalisation

Gas tight zero position

Spring loaded

Any questions regarding R 51?  
[info@medenus.de](mailto:info@medenus.de)



### R 100

Inlet pressure  $p_u$  max. 8 bar

Outlet pressure  $p_d$  max. 1.2 bar

Flange connections PN16 for DN 50 - DN 150  
PN10 for DN 200

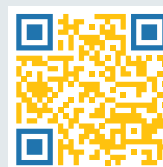
Double seated valve

Gas tight zero position

Spring loaded

Also available as rotary regulator R 100U and vacuum regulator R 100UD

Any questions regarding R 100?  
[info@medenus.de](mailto:info@medenus.de)



## R 101

Inlet pressure $p_u$	max. 8 bar
Outlet pressure $p_d$	max. 1.2 bar
Flange connections	PN16 for DN 25 - DN 100
Single seated valve with primary pressure equalisation	
Gas tight zero position	
Spring loaded	

Also available as relief pressure valve R 101US for very small opening pressures

Any questions regarding R 101?  
[info@medenus.de](mailto:info@medenus.de)



	RS 250 / 251	RS 254 / 255
--	--------------	--------------

Inlet pressure $p_u$	max. 8 bar	max. 16 bar
Outlet pressure $p_d$	max. 3 bar	
Flange connections	PN16 for DN 25 - DN 200	
Single seated valve with primary pressure equalisation		
Gas tight zero position		
with integrated Safety Shutt Off Valve		
Spring loaded		

Any questions regarding RS Gas pressure Regulators?  
[info@medenus.de](mailto:info@medenus.de)



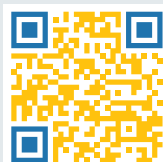
## CELLULAR GAS FILTER

### DF 100

Inlet pressure $p_u$	max. 16 bar
Flange connections	PN16 for DN 25 - DN 200
Efficiency rate	99.9% > 2 $\mu$ m

Optional available with differential pressure gauge and low temperature version (-40°C) available

Any questions regarding DF 100?  
[info@medenus.de](mailto:info@medenus.de)





**MEDENUS** Gas-Druckregeltechnik GmbH

Fon +49 (0)2761 82788-0

Fax +49 (0)2761 82788-9

Saßmicker Hammer 40 / D-57462 Olpe

[info@medenus.de](mailto:info@medenus.de)

[www.medenus.de](http://www.medenus.de)

