

Gauge Protector Type 8030

Seite 1/3 8030-8035-data-sheet-en.pdf

PN 400 / PN 600 DN 3

Technical DVGW version possible on request

>> Operating principle:

When the set pressure is reached, the valve closes automatically, thus blocking the flow to the pressure gauge. After the pressure drops by approx. 25% below the closing pressure, the valve opens and releases the flow again.

>> Application

The adjustable overpressure protection device serves as a safeguard for the measuring device against overpressures occurring which exceed the measuring range of the pressure measuring ranges.

Please check on the basis of the following technical data and our operating instructions whether this product is suitable for your specific application.

If you have any questions, please do not hesitate to contact us



gauge protector type 8035
Stainless steel, adjusting range 50...250 bar, G1/2

Gauge Protector Type 8030



Seite 2/3 8030-8035-data-sheet-en.pdf

PN 400 / PN 600 DN 3

Technical DVGW version possible on request

- >> forged body
 - 8030 brass PN 400, max. inlet pressure 600 bar
 - 8035 stainless steel PN 600, max. inlet pressure 1000 bar

- >> inlet
 - G1/2 male

- >> outlet
 - G1/2 adjusting nut,
 - optional on demand ½ NPT, more on demand

- >> allowable temperature
 - max. 80°C

- >> adjusting range
 - 0,4... 2,5 bar
 - 2... 6 bar
 - 5... 25 bar
 - 20... 60 bar
 - 50...250 bar
 - 240...400 bar
 - 400...600 bar

- >> material

components	material	
	8030	8035
body	brass	Stainless steel 1.4571
piston	Stainless steel	
Adjusting nut	Unalloyed steel	Stainless steel
Piston seals	FPM	
Screw plug	brass	Stainless steel
PN (max. „working“ pressure)	400	600
Max. inlet pressure	600	1000
Negative pressure range	until -1 bar, no adjustment possibility	

- >> optional approved by DVGW
 - DVGW-approval-no DG-4515AO0762
 - only PN 400, Type 8030
 - body: brass
 - adjusting nut: brass
 - piston seals (diaphragm): NBR
 - allowable temperature: max. 60°C

- >> Optional features
 - Certification 3.1 acc. to EN 10 204
 - cleaned and lubricated for Oxygen Service
 - further outlet female

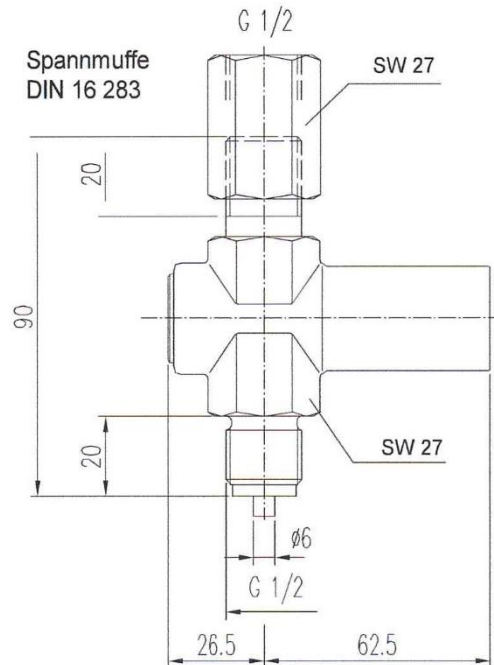
Gauge Protector Type 8030

Seite 3/3 8030-8035-data-sheet-en.pdf

PN 400 / PN 600 DN 3

Technical DVGW version possible on request

>> technical dimensions



>> order number

8	0	3	0	0	-				
---	---	---	---	---	---	--	--	--	--

1. body, G1/2

brass, PN 400

Stainless steel, PN 600

0

5

2. adjusting range

0,4... 2,5 bar

2... 6 bar

5... 25 bar

20... 60 bar

50... 250 bar

240... 400 bar

400... 600 bar

1

2

3

4

5

6

7

3. DVGW, PN 400

DVGW

4. further optional features

on request, please specify in plain text

Please fill in all empty fields of the order key. Please refer to the above information for the corresponding key figures. Options are possible on request. Please specify them in plain text.

Please also note that certificates for materials according to DIN EN 10204 must be requested directly with the order/inquiry. Subsequent testing and issuance of the material certificates is not possible.

Ordering example

8035 005 DVGW

Type 8035, adjusting range 50...250 bar, DVGW approval