

Precision regulator

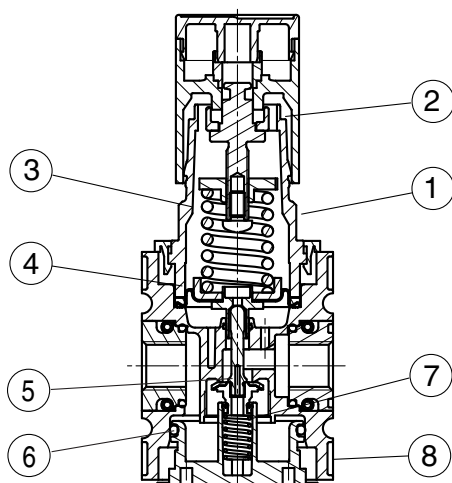
FUTURA-SERIES

item	type	KPRG-114/*	KPRG-138/*
port size		G 1/4	G 3/8
description		diaphragm-type pressure regulator with secondary air exhaust	
medium		compressed air, neutral gases	
mounting		arbitrary	
medium- and ambient temperature		max. 50 °C	
supply pressure		Pe max. 16 bar	
reduced pressure 3		0,5-8 bar standard 0,1-1 bar, 0,1-2 bar, 0,2-4 bar, 0,5-10 bar, 0,5-16 bar	
local air consumption		2,6 l/min at P2 = 6 bar	
fixing		control panel installation, mounting bracket, wall mounting	
weight		0,292 kg	

Innovation
2006!



material: Grivory (PA66) / IXEF1022



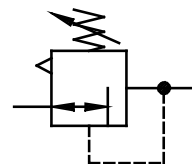
parts

(Service-Kit: ESA.1-1310)

no.	designation	material	order-no.
1	spring cage	BG1 POM	---
2	setting knob	FH.1-625 POM	---
3	spring	FED.1-703 galvanised steel	---
4	diaphragm	MEM.1 brass-NBR-PA6	---
5	valve cone	C.11-79 brass-NBR	---
6	o-ring 32x2,5	OR.0-1 NBR	---
7	spring	FED.1-720 stainless steel	---
8	cover	DE.1-300 POM	---

application information

- Setting knob can be locked by pressing downwards
- Regulator head lockable
- interlocking of several individual devices requires coupling kit(s) KOP.1



series 1

ordering information

KPRG - *** / * *

type

1 port size

2 accessories

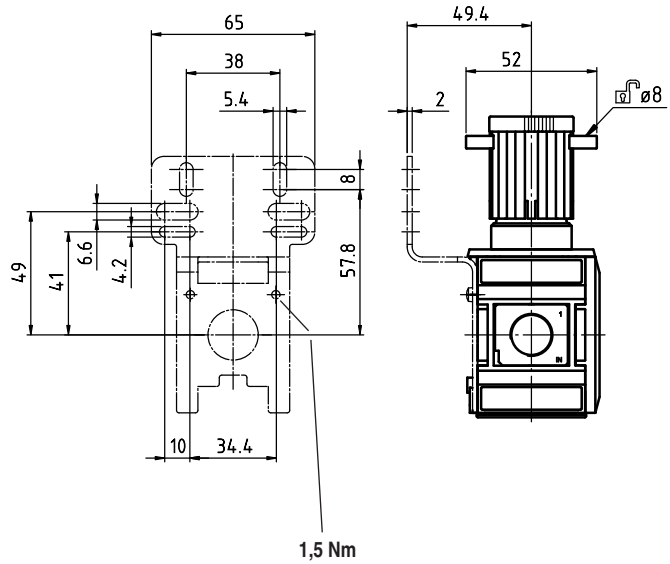
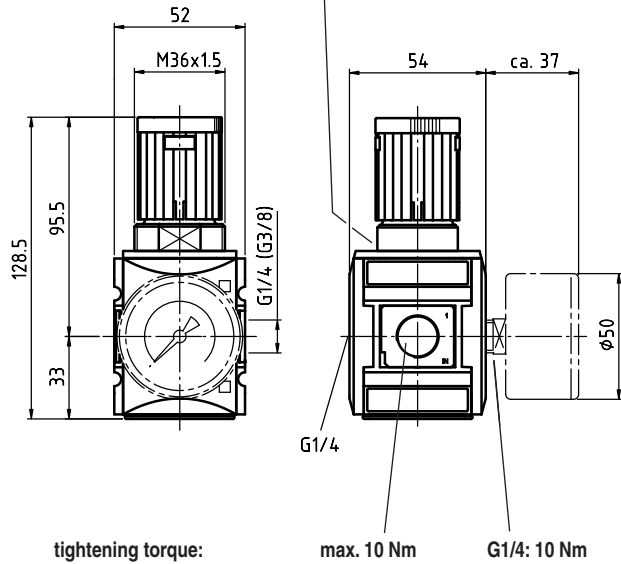
3 reduced pressure

ordering example: KPRG-138/8 G

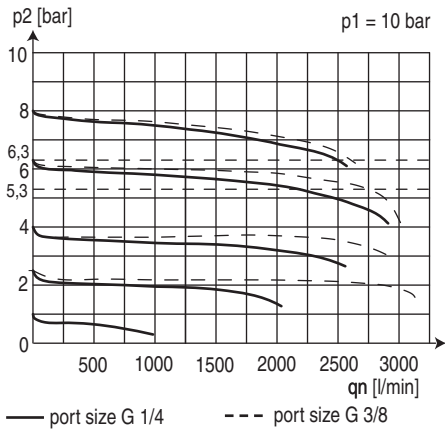
1 port size	
114	G 1/4
138	G 3/8
1N14	1/4-18 NPTF
1N38	3/8-18 NPTF
2 accessories (see reverse side)	
S	control panel nut
G	gauge ø50
3 reduced pressure (see item table)	
e.g. 8	0,5 - 8 bar

dimensions (mm)

tightening torque for control panel nut: 8 Nm

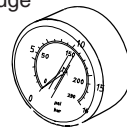


flow characteristic



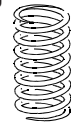
accessories 3

gauge



type: G 50.2,5 R
G 50.4 R
G 50.6 R
G 50.10 R
G 50.16 R
G 50.25 R

spring



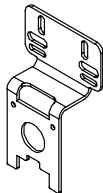
type:
0,1- 1: FED.1-700
0,1- 2: FED.1-701
0,2- 4: FED.1-702
0,5- 8: FED.1-703
0,5-10: FED.1-704
0,5-16: FED.1-705

rotary lock



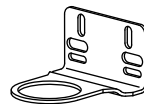
type:
VH.32 with key
VH.31 without key

mounting bracket with screws



type: BW.1-1225

mounting bracket for panel mounting



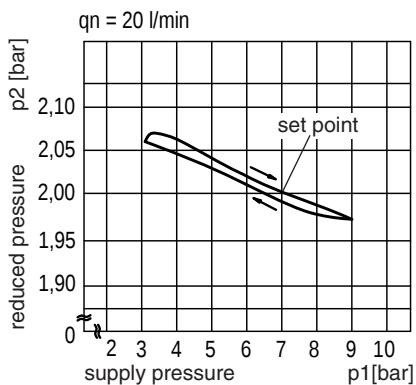
type: BW.1-1227

control panel nut M 36 x 1,5

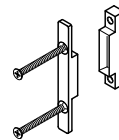


type: SM.1

pressure characteristic

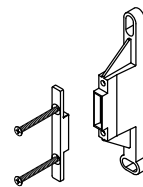


coupling kit



type: KOP.1

coupling kit wall mounting



type: KOP.1W