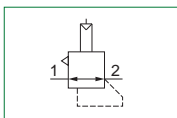


▶ **Piloted pressure regulators (RP - RMP - RPP)**



- ▶ Piston piloted pressure regulator
- ▶ Available with pressure gauge or digital pressure switch integrated
- ▶ Atex certification (II 2GD or II 3GD)
- ▶ Inlet pressures up to 20 bar



Note
Always regulate the rising pressure.

Technical characteristics	
Size	Size 4
Body and connections type	Aluminium body, integrated aluminium connections
IN / OUT connections	G1" - 1" NPT
Assembly configuration	Stand alone Panel mounted
Assembly positions	Indifferent
Pressure range	0,5 - 10 bar
Regulation	Pneumatic piloting
Pressure measurement	G1/8" - 1/8" NPT pressure gauge connection port (only for versions with IN / OUT NPT connections) Integrated pressure gauge (optional) Digital pressure switch (optional)
Max. fittings torque IN / OUT connections	G1"metal: 35Nm
Max.fitting torque pressure gauge connection port	G1/8"metal: 15Nm

Operational characteristics	
Size	Size 4
Maximum working pressure	20 bar
Minimum working pressure	0,5 bar
Pilot pressure range	0,5 - 10 bar
Working temperature	-30°C +80°C
Working temperature with digital pressure switch	0°C +50°C

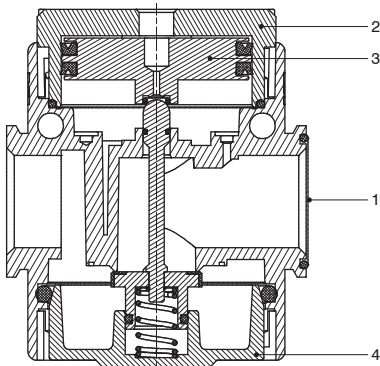
2
AIR TREATMENT



Weights	Size	Size 1	Size 2	Size 3	Size 4
Pneumatic pilot aluminum body version		/	/	/	1190 g

Materials

Exploded sectioned



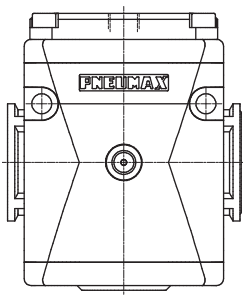
Piloted pressure regulator		
1	Body	Die-cast aluminium
2	Piloting operator	Aluminium
3	Piston	Aluminium
4	Rear end cap	Die-cast aluminium

2

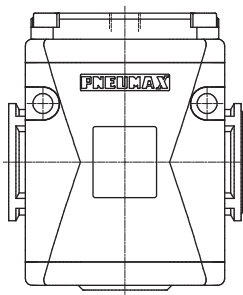
AIR TREATMENT

Design

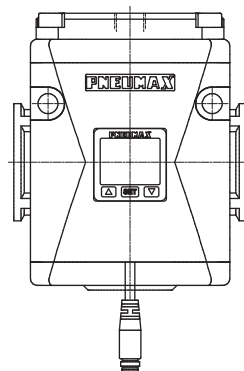
G1/8" pressure gauge connection port version



Integrated pressure gauge version



Integrated digital pressure switch version



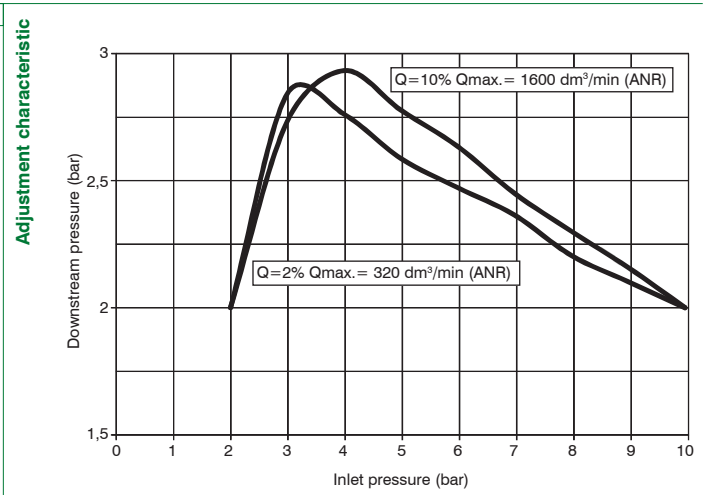
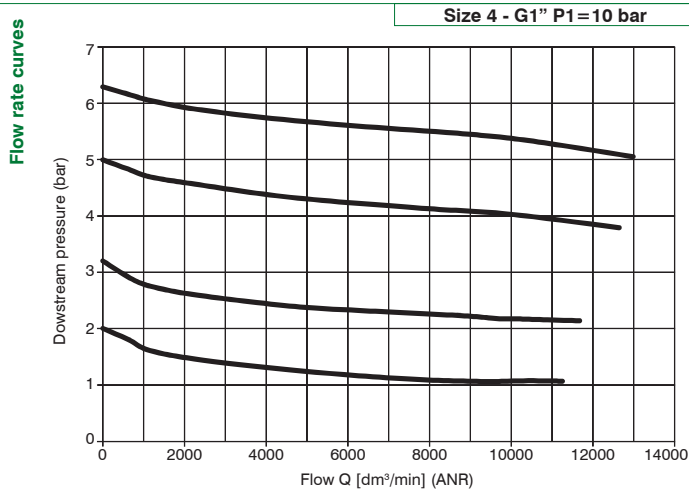
Order codes

P 17 4B R M P

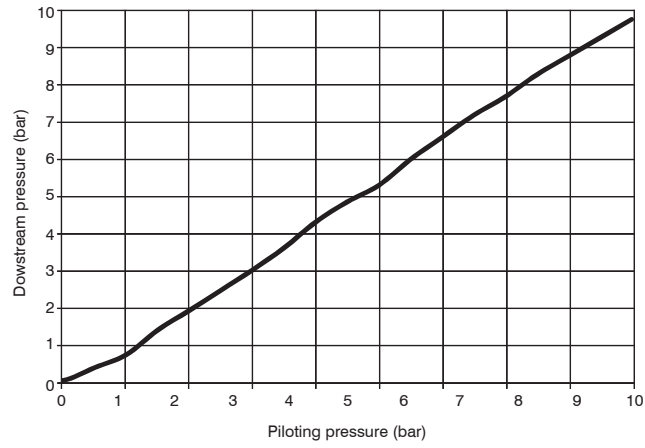
Version	P : Aluminium body
Size and connections	4B : Size 4 - G1" 4C : Size 4 - 1" NPT
Pressure measurement options	: G1/8" - 1/8" NPT thread M : Integrated pressure gauge W : Integrated pressure gauge Right - Left P : Digital pressure switch Z : Digital pressure switch Right - Left
Digital pressure switch options	A : Cable 150 mm + M8 PNP B : Cable 150 mm + M8 NPN C : Cable 2 m PNP D : Cable 2 m NPN

Example : P174BRMP : Size 4 piloted pressure regulator G1", integrated pressure gauge

Characteristic curves



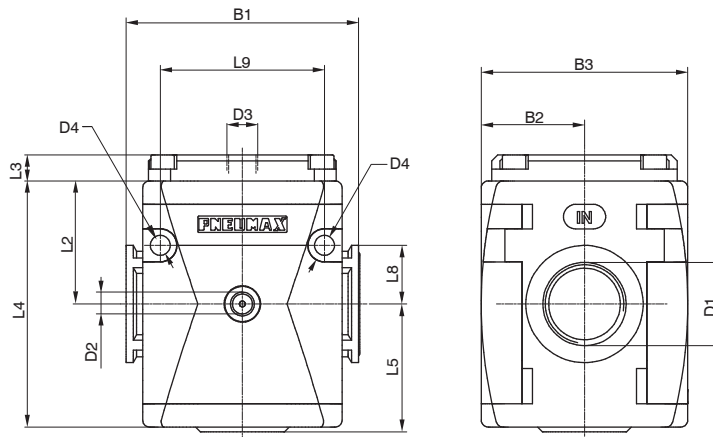
Piloting curves



2

AIR TREATMENT

Dimensions



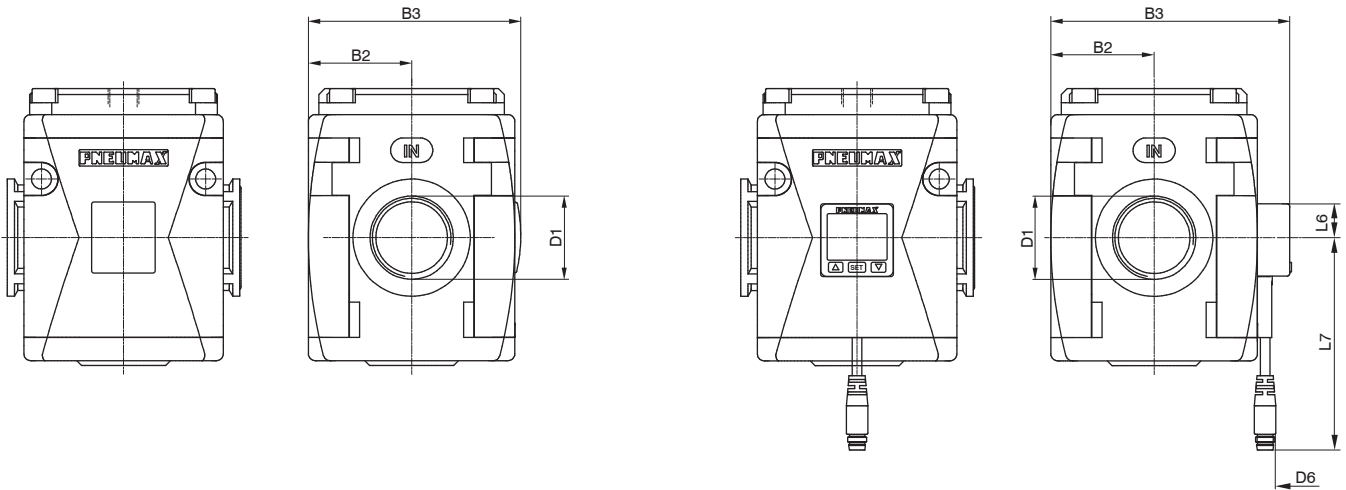
2 AIR TREATMENT

Model	B1	B2	B3	D1	D2	D3	D4	L2	L3	L4	L5	L8	L9
#174..	99	44	88	G1" 1" NPT	G1/8" 1/8" NPT	G1/4"	8,5	52,5	11	105	54,5	25	70

Variable dimensions

Integrated pressure gauge version

Integrated digital pressure switch version



Model	B2	B3		D1	D6 - Type of digital pressure switch		L6	L7 - Type of digital pressure switch	
		With pressure gauge	With digital pressure switch		A - B	C - D		A - B	C - D
#174..	44	90,5	101,5	G1" 1" NPT	M8 - 3 PIN	3 x 0,129 mm, Ø4 mm	15	150	2000