SERIES AIRPLUS
PANEL MOUNTED PRESSURE REGULATOR

- High flow rates, up to 850 Nl/min
- ATEX II 2GD certified
- Connection G1/8 - G1/4
- Die-cast aluminium

Engineered precision for high flow rates

The new AIRPLUS series panel mounted pressure regulator is manufactured using a die cast aluminium body and is available with G1/8 and G1/4 ports. A low hysteresis rolling diaphragm provides high accuracy, stability and repeatability. The poppet assembly is also balanced and fitted with a lip seal (DE).

The construction characteristics ensure high flow rates with low pressure drops.
The regulator is available as relieving, improved relieving or without relieving. The relieving versions are fitted with an exhaust valve to relieve the overpressure with the improved relieving version useful for balanced applications. The unit can be panel mounted using the M30x1.5 neck thread and a wall mounting bracket is also available.

Coding

RP17 B

CONNECTIONS
1A = G1/8
1B = G1/4

REGULATION
A = 0 - 2 bar
B = 0 - 4 bar
C = 0 - 8 bar
D = 0 - 12 bar

RELIEVING OPTIONS
A = With relieving
L = Without relieving
F = Controlled refiel and improved relieving

KNOB COLOUR
V = Green knob (RAL6032)
G = Grey knob (RAL7004)

KNOB OPTIONS
K = Lockable version
U = Lockable version with universal key

Characteristics

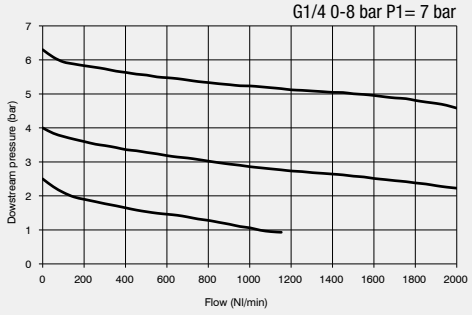
TECHNICAL CHARACTERISTICS	
Body and connections type	Aluminium body
Connections IN / OUT	G1/8 G1/4
Assembly configuration	· stand alone · panel mounting · with fixing bracket
Assembly positions	Indifferent
Pressure range	0-2 bar 0-4 bar 0-8 bar 0-12 bar
Regulation	Manul push and lock with pressure
Pressure measurement	Pressure gauge G1/8
Max. fittings torque IN / OUT connections	G1/8 metal: 15 Nm G1/4 metal: 20 Nm
Max. fitting torque pressure gauge connection port	G1/8 metal: 15 Nm

OPERATING CHARACTERISTICS	
Max. Working pressure	13 bar
Min. Working pressure	0,5 bar
Working temperature	-10 °C ... +50 °C

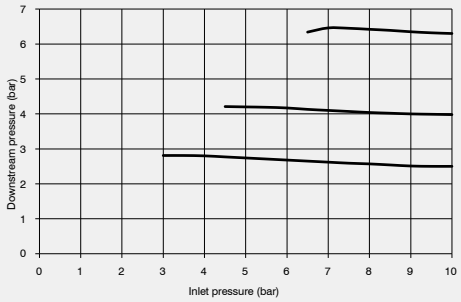
WEIGHT	
Aluminium body version	130 g

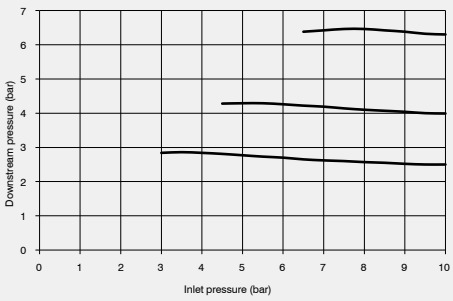
Characteristic curves

Flow rate curves



Adjustment characteristic





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