

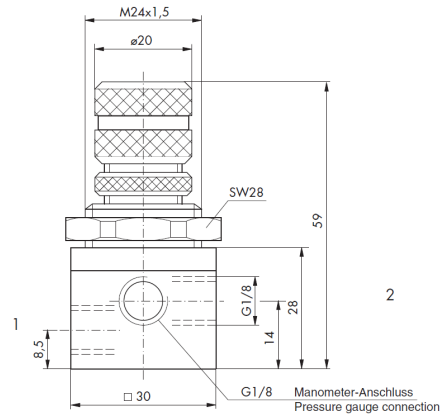
Pressure regulators 50.780

Fluid Technology

Pressure regulator with G1/8 Connection

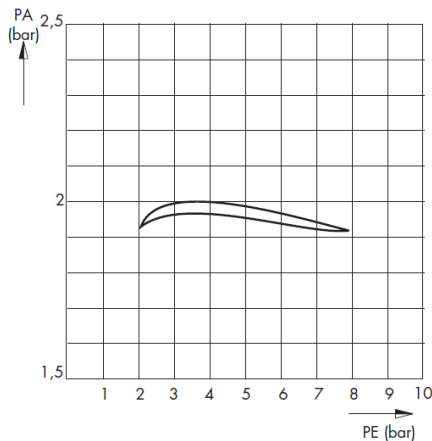
Cost-efficient precise pressure regulators

This universal pressure control valve stands out of the ordinary for its particularly good regulating characteristic and ensures a big flow rate. In its square brass design this regulator proves to be an especially solid device.

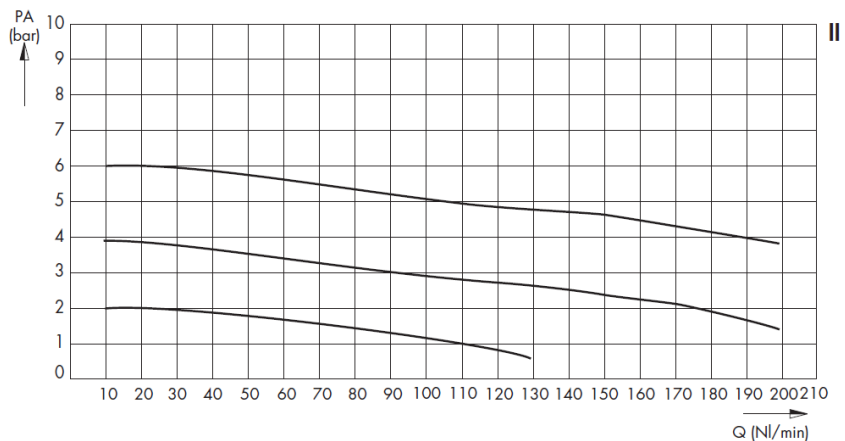


Max. thickness of front panel plate is 4 mm

Properties



PA = Output pressure
PE = Input pressure
Q = Flowing through



I Inlet pressure sensitivity
Q = konst. = 5 l/min.
Start at PE = 4 bar and PA = 2 bar

II Flow characteristics
PE = 8 bar → PA = 6 bar
PE = 8 bar → PA = 4 bar
PE = 8 bar → PA = 2 bar

Technical Data	Pressure regulators type 50.780
Pressure range	max 10 bar
Pressure range of setting	0...8 bar
Ambient temperature range	0 °C...+60 °C*
Materials	Housing: brass nickel plated
Sealing	Diaphragm: NBR (plies of fabric), EPDM, FKM, other on request
Operating medium	Non aggressive media, oxygen (others upon request)*
Pneumatic connections	Input: 1 x G1/8, output: 3 x G1/8 Flange connection below (on request)
Optional functions	Secondary pressure with bleeder port, fixed factory-settings

* See Technical Information

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