

# Pressure microregulator Series M

3

Ports G1/8, G1/4

» Regulator calibrated or blocked upon request



The Series «M» pressure regulator is available with G1/8 and G1/4 ports. Its design incorporates a diaphragm and relieving so as to allow decremental adjustments as well.

Microregulators are available with different regulation types: non-relieving, very sensitive self-relieving (through a light air leak) and VS (valve with fast draining).

The VS version is used when a regulator should be inserted between the valve and cylinder, or capacity, without any negative influence on the exhaust.

## GENERAL DATA

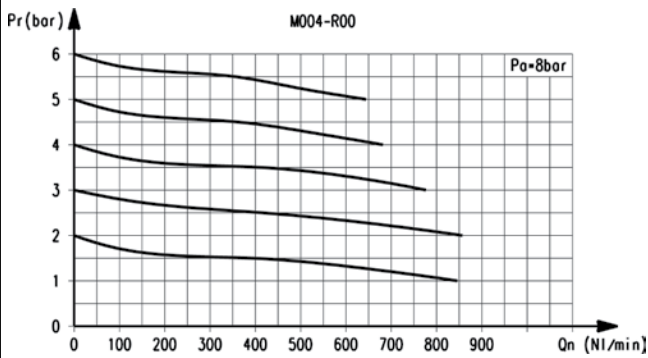
Construction	diaphragm type
Materials	brass, technopolymer, NBR
Ports	G1/8 - G1/4
Weight	Kg 0.235
Pressure gauge ports	G1/8
Mounting	in-line or panel mounting (in any position)
Operating temperature	0°C + 50°C
Inlet pressure	0 + 16 bar
Outlet pressure	0.5 + 10 bar
Nominal flow	see graphs
Secondary pressure relieving	standard

**CODING EXAMPLE**

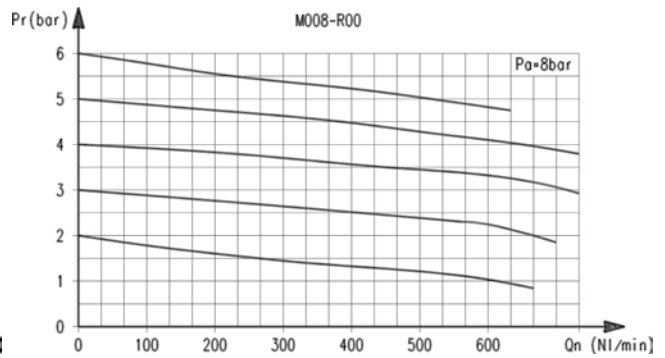
M 0 04 - R 0 0 -

<b>M</b>	SERIES
<b>0</b>	SIZE: 0
<b>04</b>	PORTS: 08 = G1/8 04 = G1/4
<b>R</b>	R = REGULATOR
<b>0</b>	OPERATING PRESSURE: 0 = 0,5 ÷ 10 ( standard ) 1 = 0 ÷ 4 2 = 0 ÷ 2 7 = 0,5 ÷ 7
<b>0</b>	DESIGN TYPE: 0 = self relieving 1 = non relieving 5 = precise setting
	REGULATION TYPE: = without high relief flow VS = high relief flow

**FLOW DIAGRAMS**

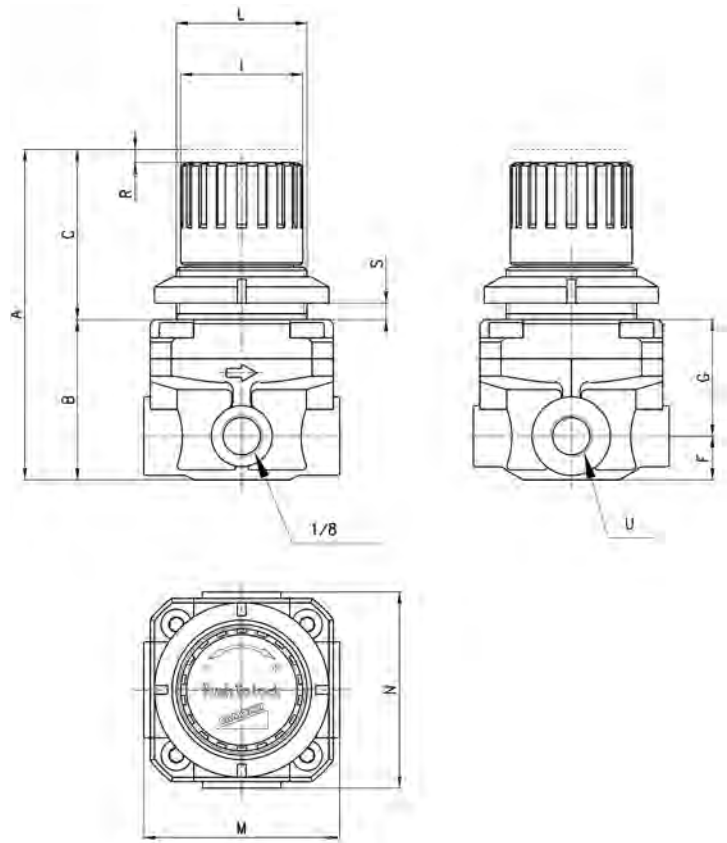


Flow diagram for models: M004-R00  
Pa = Inlet pressure ( 10 Bar )  
Pr = Regulated pressure  
Qn = Flow



Flow diagram for models: M008-R00  
Pa = Inlet pressure ( 10 Bar )  
Pr = Regulated pressure  
Qn = Flow

Microregulator, Series M



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DIMENSIONS

Mod.	A	B	C	F	G	I	L	M	N	R	S	U
<b>M008-R00</b>	76	37	39	10	27	28	30 X 1,5	45	45	3	0+6	G1/8 *
<b>M004-R00</b>	76	37	39	10	27	28	30 X 1,5	45	45	3	0+6	G1/4 *