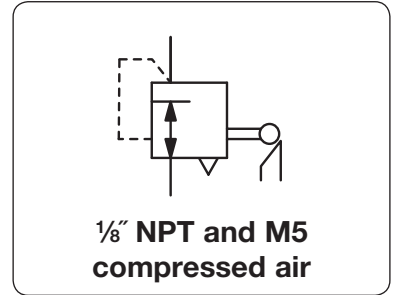


# Micro Pressure Regulator with Plunger

**MAR-1C**

<b>Description</b>	Piston-operated compact pressure regulator with special seals for applications with air, gases or liquids. Specifically designed for the chemical industry. Tamper-proof locknut supplied.
<b>Media</b>	compressed air or non-corrosive gases
<b>Supply pressure</b>	max. 21 bar
<b>Adjustment</b>	by plunger, 3 mm stroke
<b>Relieving function</b>	relieving
<b>Gauge port</b>	not available
<b>Mounting position</b>	any
<b>Temperature range</b>	0 °C to 80 °C / 32 °F to 176 °F, NBR/Buna-N 0 °C to 110 °C / 32 °F to 230 °F, FKM or EPDM for appropriately conditioned compressed air down to -30 °C / -22 °F
<b>Material</b>	Body: brass Elastomer: NBR/Buna-N, optionally FKM or EPDM Inner valve: stainless steel and brass



Dimensions			Description	Flow rate	Connection thread		Pressure range	Order number
A	B	A/F		l/min*1	Inlet	Outlet	bar	
mm	mm	mm			M5 / NPT	M5		

Plunger operated regulator					supply pressure max. 21 bar, relieving			MAR-1C
18	69	9.5	male thread	120	1/8" NPTm	M5	0.2...1.4	<b>MAR-1CP-20</b>
							0.2...3.5	<b>MAR-1CP-50</b>
							0.2...7.0	<b>MAR-1CP</b>
18	63	9.5	female thread	120	M5	M5	0.2...1.4	<b>MAR-1C-20</b>
							0.2...3.5	<b>MAR-1C-50</b>
							0.2...7.0	<b>MAR-1C</b>



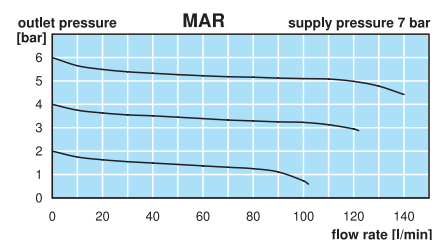
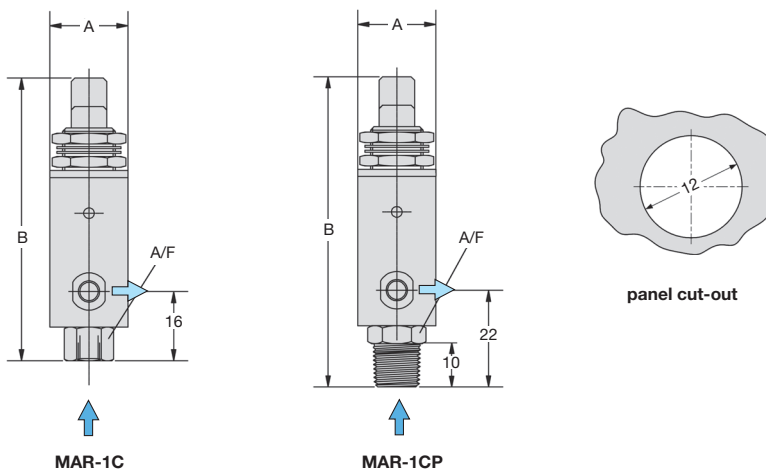
MAR-1CP, male thread

## Special options, add the appropriate letter

for oxygen	specialy cleaned	MAR- . . . .15
FKM elastomer		MAR- . . . .V
EPDM elastomer		MAR- . . . .E
nickel-plated	outer surface	MAR- . . . .X25
chemically nickel-plated	throughout	MAR- . . . .X13



MAR-1C, female thread



\*1 for compressed air at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

Gauges: see chapter for measuring devices

PDF CAD  
www.aircom.net

Order example:  
**MAR-1CP-20**