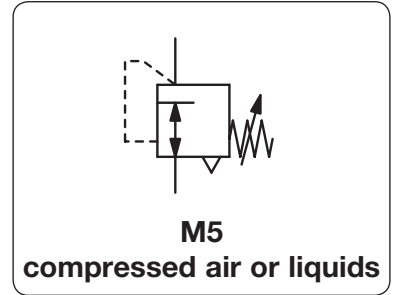


# Micro Pressure Regulator

MAR

<b>Description</b>	Piston-operated compact pressure regulator with special seals for applications with air, gases or liquids. Specifically designed for the chemical and medical industry. Mounting nut included.
<b>Media</b>	compressed air, non-corrosive gases or liquids
<b>Supply pressure</b>	max. 21 bar
<b>Adjustment</b>	by knurled-head screw
<b>Relieving function</b>	relieving or non-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 for NBR/Buna-N 0 °C to 110 °C / 32 °F to 230 °F for 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			Inlet	Outlet		
mm	mm	mm		l/min*1	M5 / NPT	M5	bar	

Regulator with male thread								supply pressure max. 21 bar	MAR-1P
18	71	9.5	relieving	120	1/8" NPT male	M5	0.2 ... 1.4	MAR-1P-20	
							0.2 ... 3.5	MAR-1P-50	
							0.2 ... 7.0	MAR-1P	
18	71	9.5	non-relieving	120	1/8" NPT male	M5	0.2 ... 1.4	MAR-1PNR-20	
							0.2 ... 3.5	MAR-1PNR-50	
							0.2 ... 7.0	MAR-1PNR	

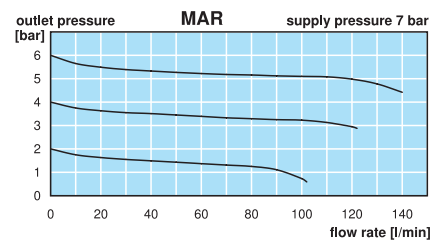
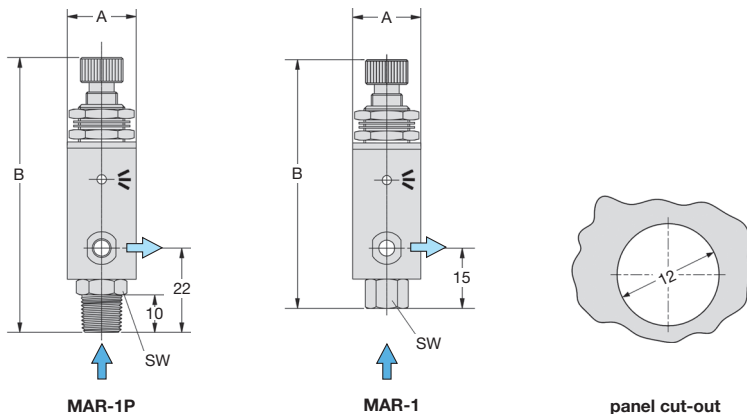


Regulator with female thread								supply pressure max. 21 bar	MAR-1
18	65	9.5	relieving	120	M5	M5	0.2 ... 1.4	MAR-1-20	
							0.2 ... 3.5	MAR-1-50	
							0.2 ... 7.0	MAR-1	
18	65	9.5	non-relieving	120	M5	M5	0.2 ... 1.4	MAR-1NR-20	
							0.2 ... 3.5	MAR-1NR-50	
							0.2 ... 7.0	MAR-1NR	



## Special options, add the appropriate letter

for oxygen	specially cleaned, with oxygen grease	MAR-...15
FKM elastomer		MAR-...V
EPDM elastomer		MAR-...E
chemically nickel-plated	throughout	MAR-...X13



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

PDF CAD  
www.aircom.net

Order example:  
MAR-1P-20