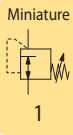
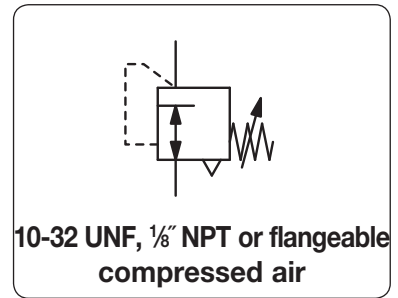


Plastic Miniature Precision Pressure Regulator

R800 / R900

Description	Miniature precision regulator with high supply sensitivity. small dimension, light weight. Hysteresis-free adjustment up to 20 turns. compressed air or non-corrosive gases	
Media	max. 10 bar	
Supply pressure Accuracy	R800 / R900 / R901	R810 / R910 / R911
	at supply pressure variation of 1 bar: < 7 mbar pressure deviation	< 20 mbar pressure deviation
	at supply pressure removal/reapplication: < 7 mbar pressure deviation	< 17 mbar pressure deviation
	setting accuracy: < 2.5 mbar	< 5 mbar
Air consumption	0.35 l/min at 7 bar supply	
Relieving function	0 l/min, flow > 20 ml/min recommended	
Relief capacity	15 l/min at 0.35 bar outlet above set-point	
Temperature range	4 °C to 66 °C / 40 °F to 150 °F	
Material	Body: polysulfones Elastomer: NBR/Buna-N Inner valve: stainless steel and acetal	



Dimensions			Pressure adjustment	Flow rate	Pressure range	Order number for manifold with o-ring	Order number 10-32 UNF standard
A	B	C	by	l/min*1	bar		

Precision pressure regulator						supply pressure max. 10 bar, relieving, with constant bleed	R900
29	78	8	knob	65	0.03 ... 0.24	R900-3,5MWK	R900-3,5WK
					0.03 ... 0.7	R900- 10MWK	R900- 10WK
					0.03 ... 2.1	R900- 30MWK	R900- 30WK
					0.03 ... 4.2	R900- 60MWK	R900- 60WK
					0.03 ... 6.2	R900- 90MWK	R900- 90WK
29	60	8	spindle	65	0.03 ... 0.24	R900-3,5MWOS	R900-3,5WOS
					0.03 ... 0.7	R900- 10MWOS	R900- 10WOS
					0.03 ... 2.1	R900- 30MWOS	R900- 30WOS
					0.03 ... 4.2	R900- 60MWOS	R900- 60WOS
					0.03 ... 6.2	R900- 90MWOS	R900- 90WOS
29	43	8	preset	65	to be indicated	R901- .. M	R901- ..



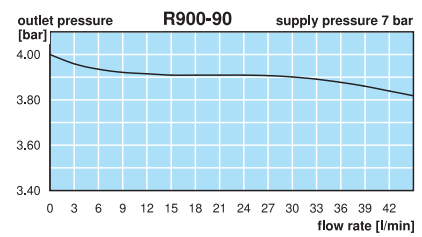
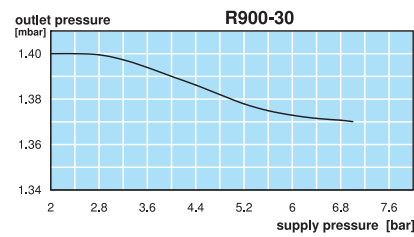
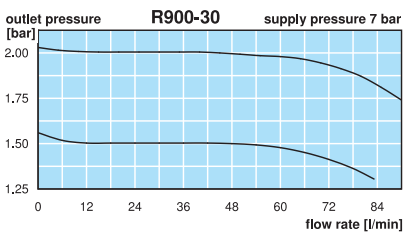
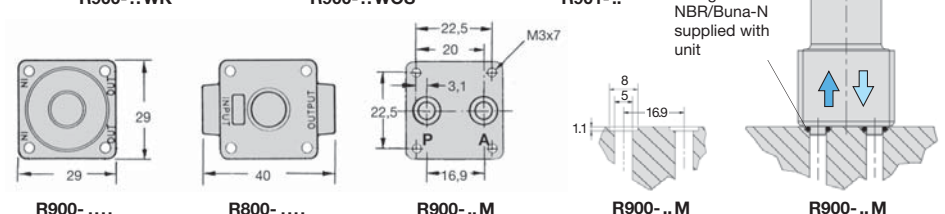
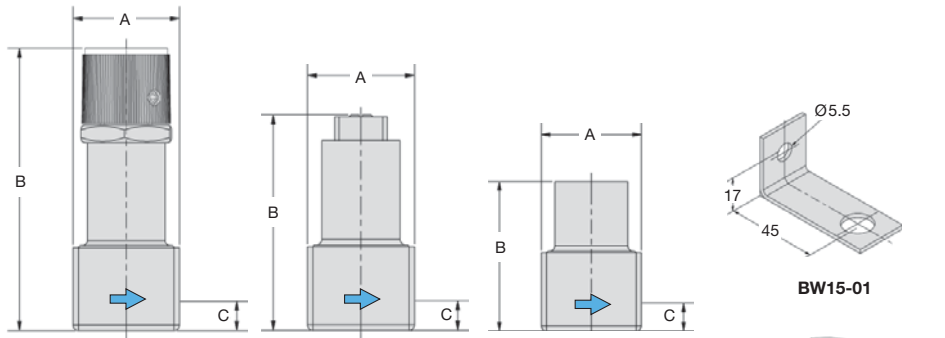
Special options, add the appropriate letter or number

1/8" NPT connection thread, width 40 mm R8...W...
 non-relieving without constant bleed R.1.....
 for oxygen specially cleaned R.....15



Accessories

mounting bracket made of steel, mounting nut for R800 and R900 BW15-01



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

PDF CAD
www.aircom.net

Order example:
R900-3,5MWK