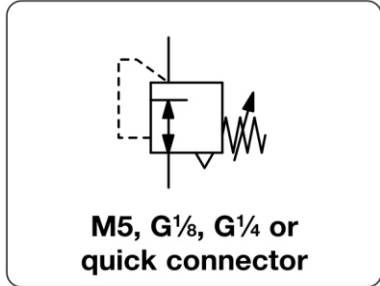


# R7 - Détendeur de pression, miniature

## Conception modulaire permettant l'assemblage d'unité en 3D

<b>Description</b>	Miniature pressure regulator with unique modular dovetail design allowing its individual use or assembly into a modular combination of pneumatic components through connector slides.	
<b>Identification marking</b>	The item no. includes a four-digit number starting with the input port and continuing counterclockwise. The digit corresponds with the type of connector slide, e.g. <b>1</b> for G $\frac{1}{8}$ , <b>2</b> for G $\frac{1}{4}$ or <b>B</b> for blank.	
<b>Pressure regulator R7</b>	Designed for precise regulation of pressure. The regulator possesses a 20 turn adjustment range and excellent repeatability. The valve seat is protected by a filter/strainer at the input port.	
<b>Media</b>	5 $\mu$ m filtered compressed air and non-corrosive gases	<b>Supply pressure</b> max. 10 bar
<b>Accuracy</b>	at supply pressure variation of 1 bar: at supply pressure removal/reapplication: at variations in temperature of 25 °C / K:	< 10 mbar pressure deviation < 10 mbar pressure deviation < 10 mbar pressure deviation
<b>Air consumption</b>	0.3 l/min at 7 bar supply pressure	<b>Adjustment</b> by knob
<b>Relieving function</b>	relieving	<b>Mounting position</b> any
<b>Gauge port</b>	G $\frac{1}{8}$ via threaded slide	



Dimensions			Flow rate	Supply pressure	Connection thread	Pressure rang	Order number
A	B	C					
mm	mm	mm	l/min*1	max. bar	G	bar	

Precision regulator				with adjusting knob, relieving, gauge port G $\frac{1}{8}$ on one side		R7	
47	92	14	140	10	G $\frac{1}{8}$	0.01...0.7 0.02...2.1 0.03...4.1 0.03...7.0	R7-010-111B R7-030-111B R7-060-111B R7-100-111B
51	92	14	140	10	G $\frac{1}{4}$	0.01...0.7 0.02...2.1 0.03...4.1 0.03...7.0	R7-010-212B R7-030-212B R7-060-212B R7-100-212B



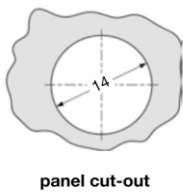
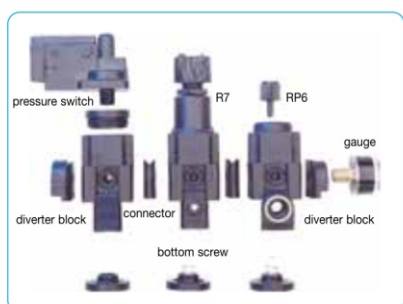
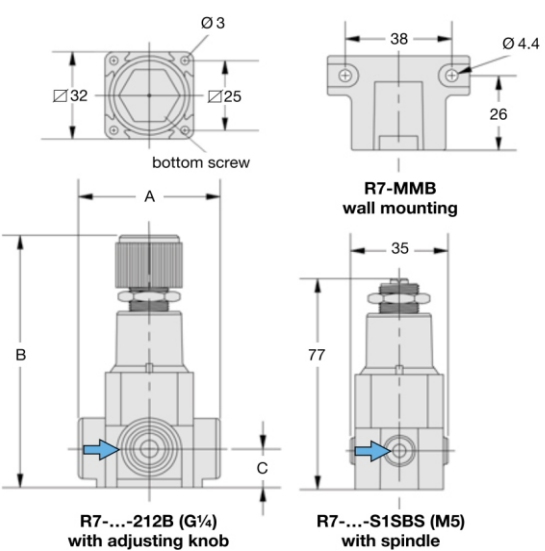
**Special options, add the appropriate letter or number**

<b>with spindle</b>	screwdriver adjustment, height 77 mm	R. - . . . . . S
<b>thread</b>	connection thread	R. - . . . - S . . .
		R. - . . . - 1 . . .
		R. - . . . - 2 . . .
<b>quick connector</b>	external diameter of hose	R. - . . . - 4 . . .
		R. - . . . - 6 . . .
		R. - . . . - 8 . . .
<b>breech plate</b>		R. - . . . - B . . .
<b>connection plate</b>	with permanent pressure supply	R. - . . . - U . . .
	without passage, modular combination of two devices	R. - . . . - C . . .
<b>wall mounting</b>	at breech plate	R. - . . . - W . . .



**Accessories, enclosed**

<b>pressure gauge</b>	Ø 23 mm, 0...*2 bar, G $\frac{1}{8}$	MA2301- . . *2
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\*1 at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop  
\*2 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar

