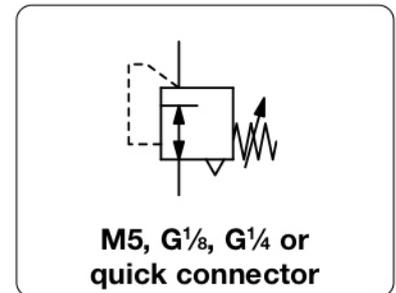


# R6 - M5000 - régulateur de pression miniature avec grand choix de raccordement

## Raccordement en applique possible sur 4 faces et sur le dessus

Description	
<b>Pressure regulator R6</b>	Design as R7 but for bottom-sided flange assembly via fittings and o-rings made of NBR/Buna-N. Mounting through four screws (M3) with extremely small screw heads.
<b>Pressure regulator RP</b>	This model guards against unauthorised tampering of pressure. Alternatively available with preset pressure. The pressure is to be set between 30 mbar and 2.8 bar. Its headroom is reduced to 49 mm.
<b>Diverter block M5000</b>	M3000 features four ports sideways and one on top. All ports can be provided with threads or blank slides, the ports sideways optionally with connector slides.
<b>Top cover</b>	• blank cover (B) • with G $\frac{1}{8}$ thread (1) • with G $\frac{1}{4}$ thread (2) • with M5 thread (10-32 UNF)
<b>Connector slide</b>	to join two units • without through hole (C) • with through hole (U)
<b>Assembly</b>	After loosening the bottom screw any placements of threads, connector and blank slides are possible. Sealing results from o-rings made of NBR/Buna-N.
<b>Temperature range</b>	4 °C to 70 °C / 39.2 °F to 158 °F
<b>Material</b>	Body: glass fiber-reinforced Celcon Inner valve: stainless steel and Celcon Elastomer: NBR/Buna-N



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

Precision regulator with flange						with adjusting knob, relieving, gauge port G $\frac{1}{8}$ on one side	<b>R6</b>
47	92	-	140	10	flange	0.01 ... 0.7	<b>R6-010-B1BB</b>
						0.02 ... 2.1	<b>R6-030-B1BB</b>
						0.03 ... 4.1	<b>R6-060-B1BB</b>
						0.03 ... 7.0	<b>R6-100-B1BB</b>



Regulator with adjustment lock						adjustment with socket wrench, relieving, gauge port G $\frac{1}{8}$ on one side	<b>RP</b>
47	49	14	140	10	G $\frac{1}{8}$	0.03 ... 2.8 *2	<b>RP7-040-111B</b>
32	49	-			flange	0.03 ... 2.8 *2	<b>RP6-040-B1BB</b>

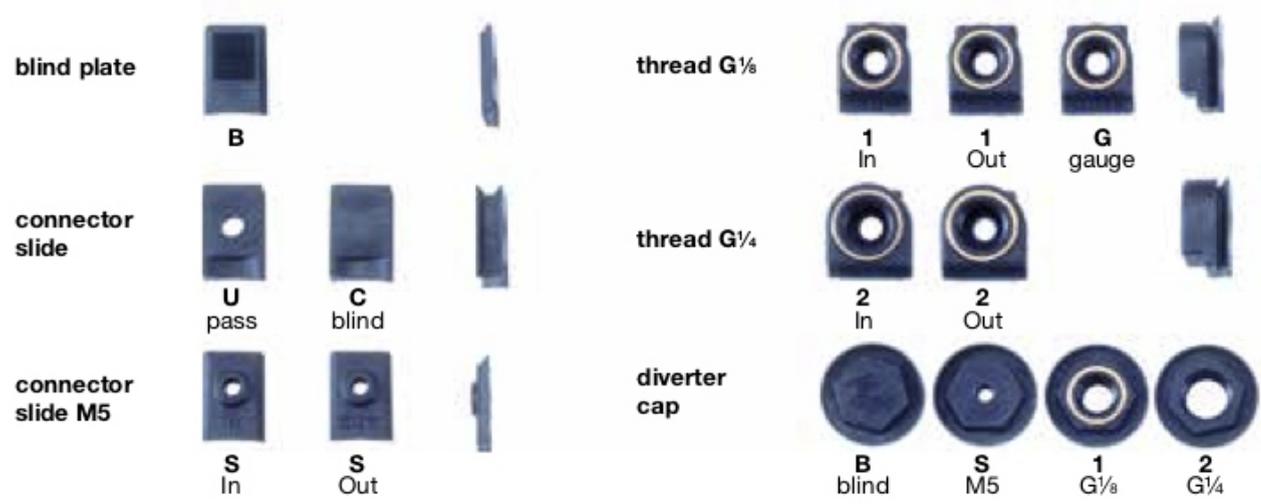
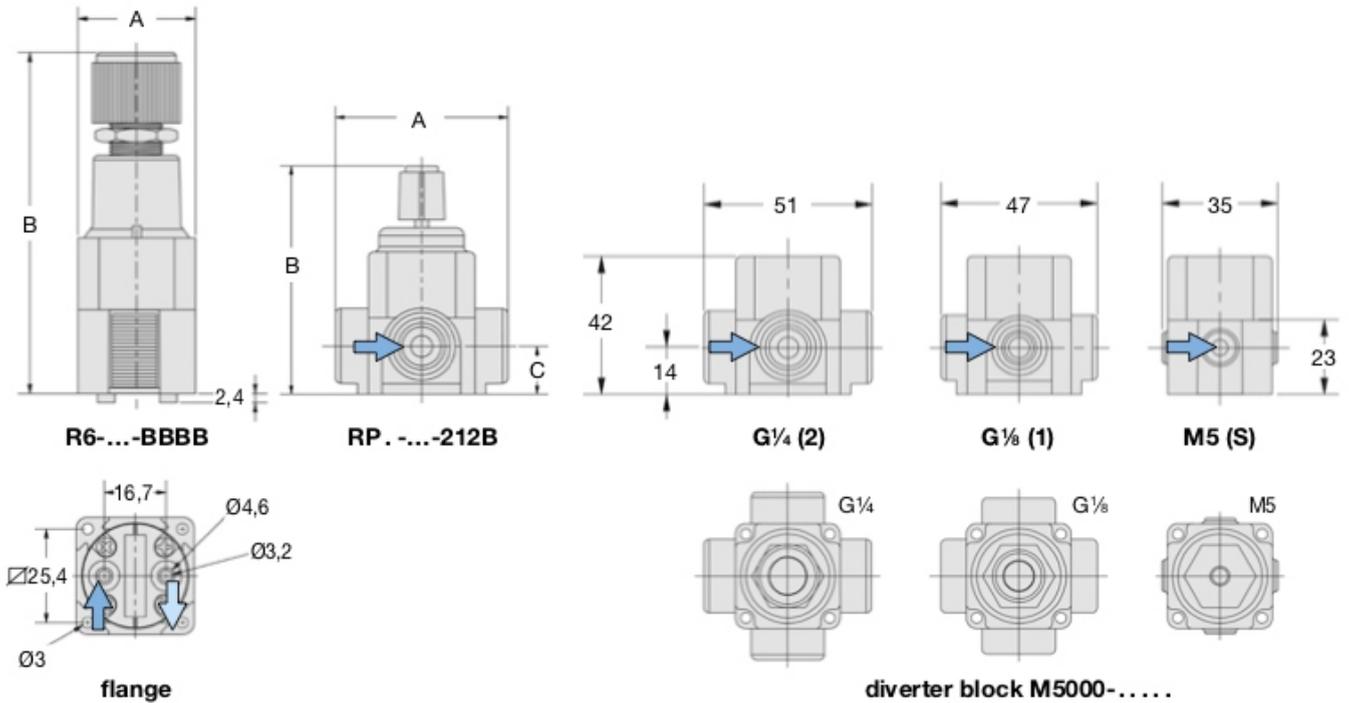


Diverter block G $\frac{1}{8}$						e.g. all ports G $\frac{1}{8}$	<b>M5000</b>
47	42	14	without filter	-	G $\frac{1}{8}$	-	<b>M5000-11111</b>
			with filter, 380 $\mu$ m		connection		<b>M5001-11111</b>

**Special options and accessories**  
see adjoining page

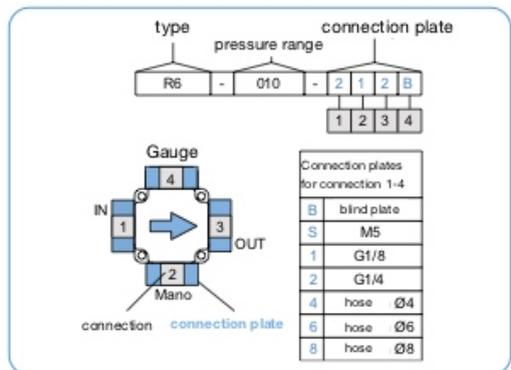


**R6 - M5000 - régulateur de pression miniature avec grand choix de raccordement**  
**Raccordement en applique possible sur 4 faces et sur le dessus**



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

\*2 indicate preset pressure on order



**connector slides configuration**