

# Flow Control Regulators



Available with technical polymer, nickel-plated brass or aluminium bodies, with external or recessed adjustment screws, Flow Control Regulators offer precise adjustment, accuracy and compactness.

Ø metric:  
3 to 14 mm

## Technical Characteristics

- **Compatible Fluids:** Compressed air  
Other fluids: contact us
- **Working Pressure:** 1 to 10 bar
- **Working Temperature:** 0°C to +70°C  
-25°C to +70°C (metal version)

Max. Tightening Torques (external adjustment screw)	Threads	M3 x0.5	M5 x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m		0.06	0.16	0.8	1.2	3

Max. Tightening Torques (recessed adjustment screw)	Threads	-	M5 x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m		-	0.1	0.4	0.5	0.6

Reliable performance is dependent upon the type of fluid conveyed and component materials being used.

Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

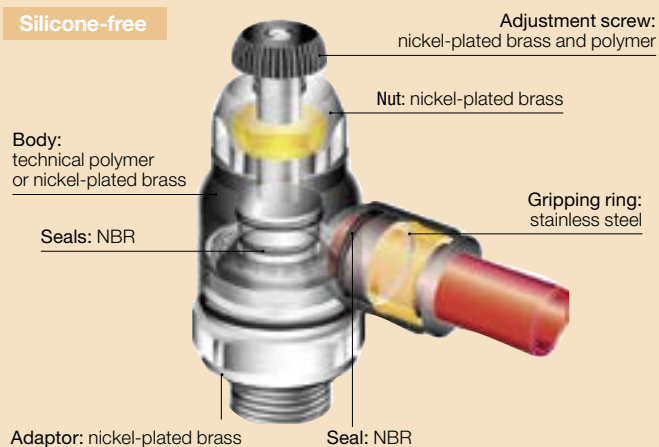
You will find all the flow rate characteristic curves (to 6 bar) for Flow Control Regulators at the end of the chapter.

## Regulations

- RoHS
- REACH
- PED

## Component Materials

### Silicone-free



## Advantages

### Productivity:

- Higher maximum flow than standard regulators
- Optimal control of the cylinder rod speed

### Accuracy:

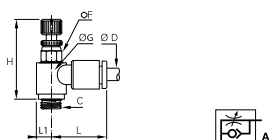
- Precise adjustment for accurate flow regulation
- Long-term stability of flow

### Ergonomics:

- External adjustment screw: easy to adjust ; Recessed adjustment screw: protects the adjustment mechanism
- Can be rotated 360° during assembly

## 7660 Miniature Flow Regulator Exhaust, Male BSP and Metric Thread

Technical polymer, Nickel-plated brass, NBR



ØD	C		F	G	H max	H min	L	L1	Kg
3	M3x0.5	<b>7660 03 09</b>	6	9	26	23.5	17	4.5	0.007
	M5x0.8	<b>7660 03 19</b>	6	9	26	23.5	17	4.5	0.006
4	M3x0.5	<b>7660 04 09</b>	6	9	26	23.5	16.5	4.5	0.007
	M5x0.8	<b>7660 04 19</b>	6	9	26	23.5	17	4.5	0.006
6	G1/8	<b>7660 04 10</b>	7	11.5	29.5	27	18	6	0.012
	M5x0.8	<b>7660 06 19</b>	6	9	26	23.5	18	4.5	0.006
	G1/8	<b>7660 06 10</b>	7	11.5	29.5	27	18.5	6	0.012
6	G1/4	<b>7660 06 13</b>	8	12	32.5	30	19	6	0.019
	G1/8	<b>7660 08 10</b>	13	14	31	26.5	26	7	0.021
8	G1/4	<b>7660 08 13</b>	16	19	34	29	27.5	9.5	0.033
	G3/8	<b>7660 08 17</b>	20	23	42	36	29	11.5	0.061

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