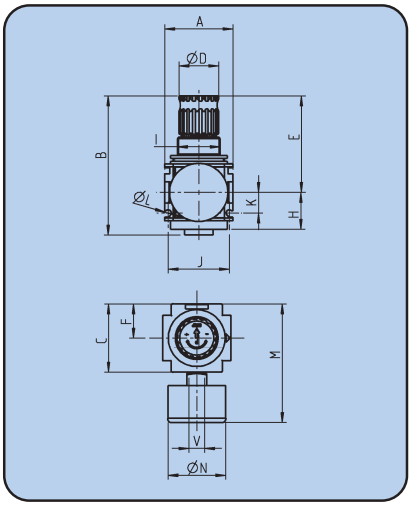
Pressure Regulator Type 481

variobloc G 1/4 – G 1



Pressure regulators (diaphragm type) of compact block design in two sizes. Facilities on both sides for flange mounting of further units. Panel mounting, direct mounting or bracket mounting on housing or cover. These units are, of course, fitted with a secondary exhaust (self-relieving) and are largely unaffected by fluctuations in primary pressure. Three pressure ranges are available, up to 6, 10 or 16 bar; regulators are also available without pressure gauges. Simple locking of setting by pressing in handwheel. Version available with keylockable handwheel. Pressure gauge can be mounted on either side.
Important: Use of filter always recommended.

Technical Data

	I		II		
Thread	G 1/4	G 3/8	G 1/2	G 3/4	G 1***
Nominal rates of flow*	2000 Nl/min	3200 Nl/min	7000 Nl/min	8000 Nl/min	
Pre-pressure (p_1) max.	25 bar				
Secondary pressure (p_2) max.	10 bar (opt. 6, 16 bar)				
Max. operating temperature	80 °C				
Material					
Housing	zinc alloy				
Seals	NBR				
Weight (without gauge)	390 g		950 g (G 1 = 1410 g)		

* measured at 10 bar pre-pressure (p_1), 6 bar secondary pressure (p_2) and Δp = 1 bar after DIN ISO 6953.
*** mounting plates with G 1 see page 17

special option - how to order:

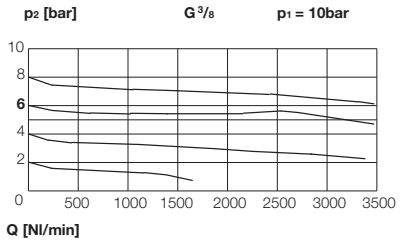
481.x x x x

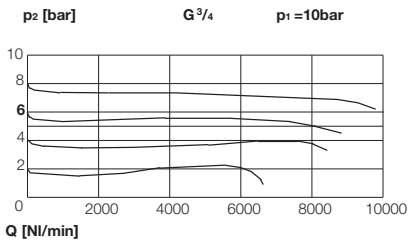
- **A** **lockable** - option
- **D** **gauge with color code 0-16 bar** - option
- **2** **6 bar** (scale 0-10 bar)
- **3** **10 bar** (scale 0-16 bar)
- **4** **16 bar** (scale 0-25 bar)

  → adjusting pressure
- **Size I** **2 - G 1/4** **3 - G 3/8**
  Size II **6 - G 1/2** **8 - G 3/4** **9 - G 1*****
- **2** **with gauge**
- **4** **without gauge**

Fixing- and assembly-possibilities see page 17

Rates of flow





Accessories and main spare parts

		I	II
Gauge scale	0-10 bar	**723**	**55**
	0-16 bar	**734**	**85**
	0-25 bar	**745**	**96**
Wear parts			
Diaphragm complete with slip ring		**480-92**	**480-263**
Seal cone complete		**481-17**	**480-218**

Advice:
Pressure gauge (self-tightened) added loosely

Upon request:

Cover	"private label"
Thread	NPT

Dimensions [mm]

Thread	A	B	C	ØD	E	F	H	I	J	K	ØL	M	ØN	V
G 1/4 and G 3/8	48	98	48	28	68	24	26	M30x1,5	43	14,5	4,4	84	40	G 1/4
G 1/2 and G 3/4	70	134	70	39	98	35	33	M42x1,5	62	18	5,4	106	50	G 1/4
G 1***	125	134	70	39	98	35	33	M42x1,5	62	18	5,4	106	50	G 1/4