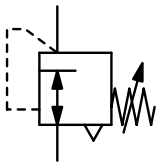
PRECISION PRESSURE REGULATOR MADE OF PLASTIC R039

Description	Diaphragm miniature pressure regulator of small and lightweight design. The regulator has increased accuracy due to a rolling diaphragm and a piston compensated to inlet pressure.
Media	compressed air, non-corrosive gases or liquids
Supply pressure	max. 16 bar
Air consumption	R039 without constant bleed — R039-F with max. 3 l/min air consumption
Adjustment	by plastic knob with snap-lock
Relieving function	relieving for compressed air, red adjusting knob; non-relieving for liquids, black adjusting knob
Gauge port	G⅛ on both sides of the body, screw plugs supplied
Mounting position	any
Temperature range	0 °C to 50 °C / 32 °F to 122 °F for NBR/Buna-N
Material	Body: POM with brass thread insert Elastomer: NBR/Buna-N Inner valve: brass



G⅛ and G¼ compressed air or liquids

Dimensions A mm	B mm	C mm	Flow rate water l/min*1	air l/min*1	Connection thread G	Pressure range bar	Order number for water C* non-relieving	Order number for compressed air C* relieving
Regulator w. increased accuracy						supply pressure max. 16 bar, w. rolling diaphragm, inlet pressure-compensated		**R039**
41	86	11	5	350	G⅛	0.1 … 1	**R039-010K**	**R039-010**
						0.2 … 2	**R039-01AK**	**R039-01A**
						0.2 … 4	**R039-01BK**	**R039-01B**
						0.3 … 8	**R039-01CK**	**R039-01C**
						0.3 … 12	**R039-01DK**	**R039-01D**
41	86	11	5	380	G¼	0.1 … 1	**R039-020K**	**R039-020**
						0.2 … 2	**R039-02AK**	**R039-02A**
						0.2 … 4	**R039-02BK**	**R039-02B**
						0.3 … 8	**R039-02CK**	**R039-02C**
						0.3 … 12	**R039-02DK**	**R039-02D**
Precision pressure regulator						with air consumption, P1: max. 16 bar, w. rolling diaphragm, inlet pressure-compensated		**R039-F**
41	86	11	5	350	G⅛	0.1 … 1		**R039-010F**
						0.2 … 2		**R039-01AF**
						0.2 … 4		**R039-01BF**
						0.3 … 8		**R039-01CF**
						0.3 … 12		**R039-01DF**
41	86	11	5	380	G¼	0.1 … 1		**R039-020F**
						0.2 … 2		**R039-02AF**
						0.2 … 4		**R039-02BF**
						0.3 … 8		**R039-02CF**
						0.3 … 12		**R039-02DF**

R039

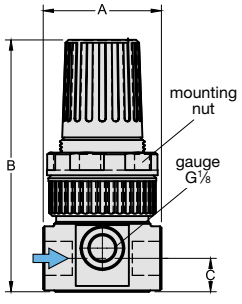
R039-.K

Special options, add the appropriate letter

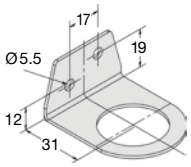
adjustment lock	non-adjustable knob		R039-0 . . **T**
without gauge port			R039-0 . . **X02**
for oxygen	specially cleaned, with oxygen grease	not for R039-0..F	R039-0 . . K**15**

Accessories, enclosed B*

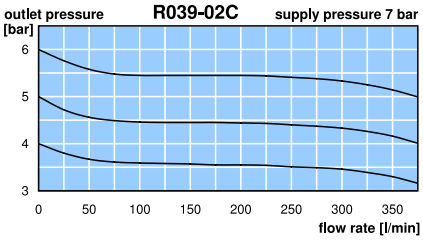
pressure gauge	Ø 40 mm, 0…*2 bar, G⅛	**MA4001- . . *2**
mounting bracket	made of steel	**BW30-02**
mounting nut	made of plastic	**M30x1,5K**
	made of aluminium	**M30x1,5A**

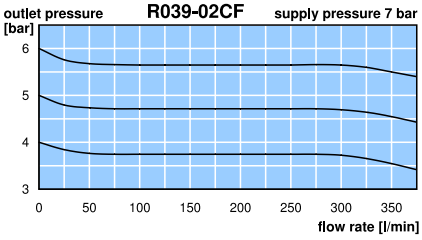


R039



BW30-02





*1 at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop, for water: supply pressure 2 bar above outlet pressure
*2 **02** = 0…2.5 bar, **04** = 0…4 bar, **10** = 0…10 bar, **16** = 0…16 bar

* Product group

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example: R039-010K