TOOLREG®

Mini Size – Maxi Benefits

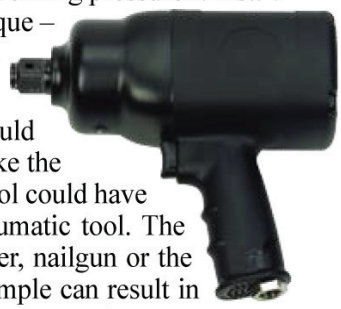
– Miniature High Pressure, In-Line, Pre-Set Regulator with Automatic Secondary Pressure Relief –

Highlights:

- ☑ Automatic Secondary Pressure Relief
- ☑ Protection Guaranteed – No residual pressure in tool
- ☑ High flow performance (0 - 3,000 L/Min / 0 - 105 Scfm)
- ☑ High pressure performance (P_1 – inlet pressure up to 25 Bar/355 PSI)
- ☑ Light weight – Small and compact size
- ☑ Corrosion resistant
- ☑ Saves energy
- ☑ Competitively priced
- ☑ Tamper proof

Why ?

Almost every pneumatic tool would have the max. torque at around 6 bar. Higher pressures (which is often the fact as many users just plug in the tool and use the prevailing working pressure f. inst. 8 or more bar) is just waste of energy and money. It would not give more torque – on the contrary – it is just changing into heat. And many available pneumatic tools on the market can only withstand a max. pressure of 8 bar.



If the user dismount the hose from the tool or outlet directly a residual pressure would still prevail on the secondary side of the regulator. This residual pressure could make the pneumatic tool work for a short period of time. An unintentional activation of the tool could have desastrous consequences – no matter the type of pneumatic tool. The worst incident that can happen is on a pneumatic tacker, nailgun or the like. An unintentional activation on the trigger for example can result in 5 - 10 shots. No reason to say that bad injuries would be the result.

The TOOLREG® can also be used as a conventional pre-set In-line regulator in any compressed air pipe system or in connection with a quick connect coupling.

Fields of Applications:
Where relatively small volumes of air are required, but high demands are made for regulation, pressure and flow.

- Pneumatic Tools – in particular on nail-guns
- Furniture industry
- Building industry
- Precision engineering industry
- Electronics industry

TOOLREG®

1/4" 3/8" 1/2"

Where to mount ?

The TOOLREG® must be mounted directly on the pneumatic tool in order to ensure correct pressure, so that possible pressure drops in hoses, tubes etc. do not influence the pressure on the tool it self.

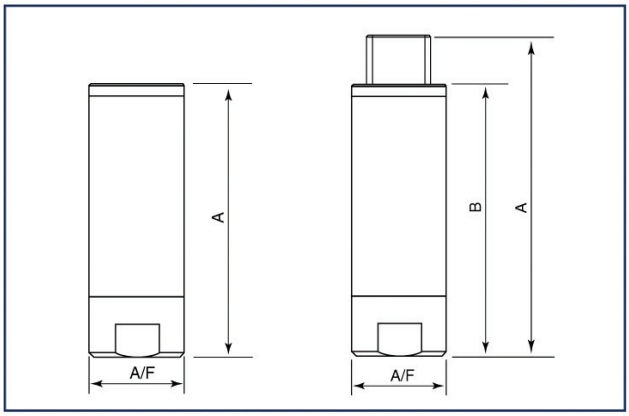
TOOLREG®

Ordering code: 232 ① ② ③ ④

Point 1:	A	Female / Female
	F	Female / Male
Point 2:	**Thread type**	
	0	BSP **without** automatic relieving of the secondary pressure
	1	NPT **without** automatic relieving of the secondary pressure
	5	BSP **with** automatic relieving of the secondary pressure
	6	NPT **with** automatic relieving of the secondary pressure
Point 3:	**Thread connections**	
	2	1/4"
	3	3/8"
	4	1/2"
Point 4:	**Pre-set pressure**	
	20	2 Bar / 29 PSI
	30	3 Bar / 43,5 PSI
	40	4 Bar / 58 PSI
	50	5 Bar / 72,5 PSI
	60	6 Bar / 87 PSI
	80	8 Bar / 116 PSI

Technical data	
Dimensions:	see graphic
Medium:	compressed atmospheric air
Flow:	0 - 3,000 L/Min / 0 - 105 Scfm

Material	
Housing:	Aluminium
Other parts:	Stainless Steel, Nitrile Rubber, Brass



Thread Connection	Dimensions			Weight	Max. Pressure	Tempera-ture Range	Outlet Pressure
BSP / NPT	A	B	A/F	gr.	Bar / PSI	°C	Bar
1/4" Female/Female	52	–	17	25	25 / 355	0 - 80	2-3-4-5-6-8
1/4" Female/Male	59	50	17	25	25 / 355	0 - 80	2-3-4-5-6-8
3/8" Female/Female	58	–	22	48	25 / 355	0 - 80	2-4-6-8
1/2" Female/Female	69	–	27	80	25 / 355	0 - 80	2-4-6-8