

# INDUSTRIAL PNEUMATICS - air treatment units

## BIT series



### MR regulator

**Size:** 1/8", 1/4"  
**Outlet press. range:** 0÷2, 0÷4, 0÷8, 0÷12 bar  
**Inlet pressure:** Up to 13 bar  
**Working temp.:** Up to +50°C  
**Connection:** 1/8", 1/4" BSP female thread  
**Pressure gauge port:** 1/8" BSP female thread  
**Flow rate:** 600 l/min - 1/8"  
 600 l/min - 1/4"  
 (input pressure 6 bar and  $\Delta p = 1$  bar)

**MR**

**BIT**

**FC**

**1/8**

**02**

element	series	version	connection	outlet pressure range
MR - regulating valve MRA - water regulating valve	BIT	FC SR	1/8 - 1/8" 1/4 - 1/4"	02 - 0÷2 bar 04 - 0÷4 bar 08 - 0÷8 bar 012 - 0÷12 bar

- MR BIT - standard version for pressure adjustment of compressed air in pneumatic system
- MR BIT FC - controlled relief to allow greater accuracy in regulation by means of slight, continuous air relief.
- MR BIT SR - relieves the downstream circuit quickly when the upstream pressure drops. Mount the SR regulator between the start-up valve and the final application.
- MRA BIT - regulates pressure in water circuits; without secondary venting.

1/8"		1/4"		outlet pressure range [bar]	version
code	type	code	type		
MW-5102001	MR BIT SR 1/8 02	MW-5202001	MR BIT SR 1/4 02	0 ÷ 2	MR BIT SR
MW-5102002	MR BIT SR 1/8 04	MW-5202002	MR BIT SR 1/4 04	0 ÷ 4	
MW-5102003	MR BIT SR 1/8 08	MW-5202003	MR BIT SR 1/4 08	0 ÷ 8	
MW-5102004	MR BIT SR 1/8 012	MW-5202004	MR BIT SR 1/4 012	0 ÷ 12	
MW-5107001	MR BIT 1/8 02	MW-5207001	MR BIT 1/4 02	0 ÷ 2	MR BIT
MW-5107002	MR BIT 1/8 04	MW-5207002	MR BIT 1/4 04	0 ÷ 4	
MW-5107003	MR BIT 1/8 08	MW-5207003	MR BIT 1/4 08	0 ÷ 8	
MW-5107004	MR BIT 1/8 012	MW-5207004	MR BIT 1/4 012	0 ÷ 12	
MW-5108001	MRA BIT 1/8 02	MW-5208001	MRA BIT 1/4 02	0 ÷ 2	MRA BIT
MW-5108002	MRA BIT 1/8 04	MW-5208002	MRA BIT 1/4 04	0 ÷ 4	
MW-5108003	MRA BIT 1/8 08	MW-5208003	MRA BIT 1/4 08	0 ÷ 8	
MW-5108004	MRA BIT 1/8 012	MW-5208004	MRA BIT 1/4 012	0 ÷ 12	
MW-5111001	MR BIT FC 1/8 02	MW-5211001	MR BIT FC 1/4 02	0 ÷ 2	MR BIT FC
MW-5111002	MR BIT FC 1/8 04	MW-5211002	MR BIT FC 1/4 04	0 ÷ 4	



### Padlockable microregulator

BIT series micro-regulator valve is also available with a padlock. A pin with a hole projects from the top of the knob. When the knob is in the push-lock position, the padlock can be inserted in the hole, preventing any changes in the setting of the microregulator. A padlock and two keys are supplied with the regulator.