

Nickel-Plated Brass Adjustable Non-Return Valves

These nickel-plated brass adjustable non-return valves, suitable for **harsh environments**, allow compressed air to flow in one direction and prevent flow in the other. This product incorporates **precise adjustment** of opening pressure for greater flexibility.

Product Advantages

- Robust** | Excellent resistance to abrasion and corrosion
Developed for the food process industry
- Optimised Inventory Management** | A single valve for multiple opening pressure settings
Limits the number of versions
Flexibility of use
- Protection & Safety** | Maintains downstream pressure if upstream pressure drops
Designed with locking nut to protect initial setting in the event of:
 - vibration
 - intensive use
 - accidental handling
 Adjustment and locking of the non-return valve cracking pressure with two different Allen keys prevents the settings from being accidentally changed
Smooth external profile to facilitate cleaning in situ
Maximum constant flow guaranteed whatever the setting of the cracking pressure



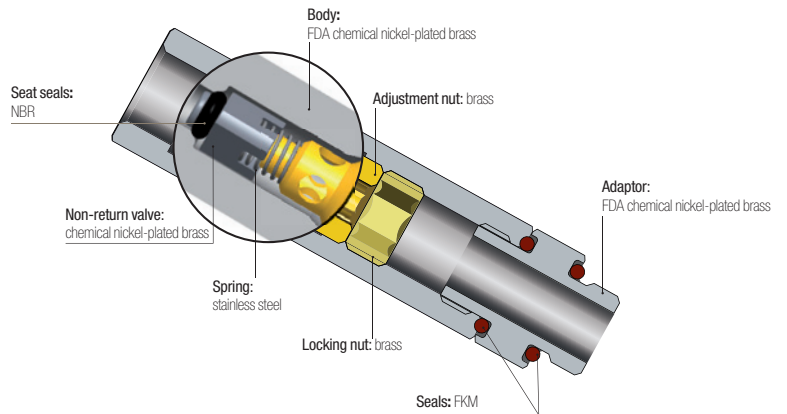
Applications

Printing
Machine Tools
Food Process
Petrochemical
Textile
Automotive Process
Chemical

Technical Characteristics

Compatible Fluids	Compressed air					
Working Pressure	0 to 12 bar					
Working Temperature	-20°C to +80°C					
Cracking Pressure	Threads		0 to 4 turns (values given as an example only)			
	M5x0.8 - G1/8 - G1/4		1 to 0.10 bar			
	G3/8		1 to 0.15 bar			
	G1/2		1 to 0.20 bar			
Max. Tightening Torques	Threads	M5x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.16	0.8	1.2	3	3.5

Component Materials

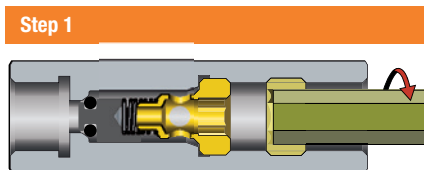


Silicone-free

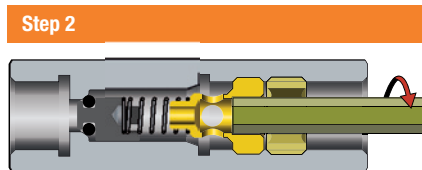
Regulations

DI: 2002/95/EC (RoHS)
 RG: External Components: 21CFR (FDA)
 (seal: § 177.2600, nickel: §184.1537, grease: NSF H1)
 RG: 1935/2004 (external surface flow \geq 0.02 litre per hour)
 DI: 2006/42/EC (external surface Pa < 0.8 μ m)
 RG: 1907/2006 (REACH)

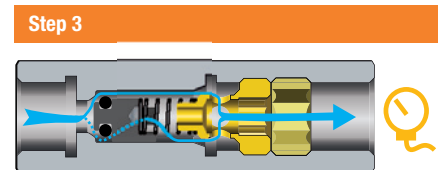
Operation



Unscrew the locking nut with an Allen key.




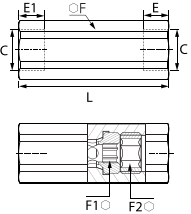

Unscrew the adjustment nut with a smaller Allen key to adjust the cracking pressure. The number of turns adjusts the cracking pressure from 1 bar to 0.10 bar.




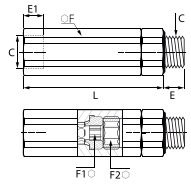

Tighten the locking nut with the Allen key to lock the cracking pressure setting. Then, control the pressure with a pressure gauge downstream.

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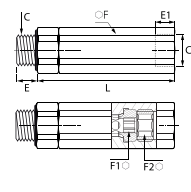

7930 Adjustable Check Valve, Double Female BSPP and Metric Thread

			C	E	E1	F	F1	F2	L	kg	
			M5x0.8	7930 19 19	8	4	13	4	6	49	0.055
			G1/8	7930 10 10	8	6	13	4	6	45	0.033
			G1/4	7930 13 13	10	7.5	16	6	8	54	0.073
			G3/8	7930 17 17	11	8.5	20	8	10	61.5	0.163
			G1/2	7930 21 21	13	10	24	10	12	73	0.171

7931 Adjustable Check Valve Supply, Male/Female BSPP Thread

			C	E	E1	F	F1	F2	L	kg	
			G1/8	7931 10 10	5.5	6	13	4	6	51.5	0.043
			G1/4	7931 13 13	6.5	7.5	16	6	8	61.5	0.208
			G3/8	7931 17 17	7.5	8.5	20	8	10	70	0.125
			G1/2	7931 21 21	9	10	24	10	12	82.5	0.212

7932 Adjustable Check Valve Exhaust, Male/Female BSPP Thread

			C	E	E1	F	F1	F2	L	kg	
			G1/8	7932 10 10	5.5	8	13	4	6	51.5	0.009
			G1/4	7932 13 13	6.5	10	16	6	8	61.5	0.058
			G3/8	7932 17 17	7.5	11	20	8	10	70	0.123
			G1/2	7932 21 21	9	13	24	10	12	82.5	0.212