## 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



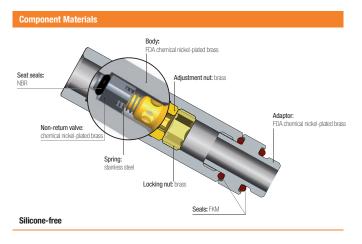
Printing Machine Tools Food Process Petrochemical Textile Automotive Process

**Applications** Chemical

### **Technical Characteristics**

Compatible Fluids	Compressed air	
Working Pressure	0 to 12 bar	
Working Temperature	-20°C to +80°C	
	Threads	0 to 4 turns (values given as an example only)

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



**DI**: 2002/95/EC (RoHS)

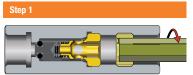
RG: External Components: 210FR (FDA) (seal: § 177.2600, nickel: §184.1537, grease: NSF H1)

RG: 1935/2004 (external surface flow ≥ 0.02 litre per hour)

DI: 2006/42/EC (external surface Ra < 0.8 um)

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.