LEGRIS ADJUSTABLE CHECK VALVES



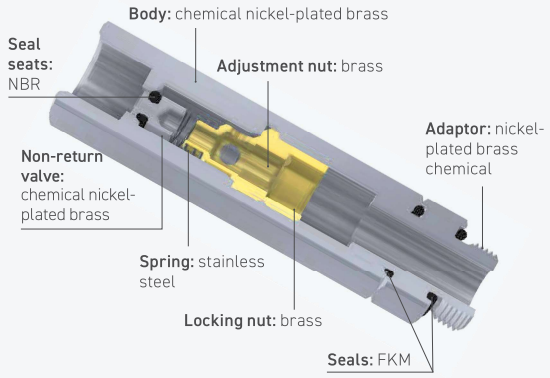
In addition to their non-return function, the design of these Legris fittings offers customers the possibility of precisely adjusting the opening threshold of the shut-off valve for greater flexibility of use.

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 0 to 12 bar
- **Operating temperature:** -20°C to +80°C
- **Connection:** G1/8 to G1/2 (BSPP)
- **Regulations:** RoHS, REACH, PED, FDA

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Ease of use** through precise adjustment of the valve opening threshold with two hex keys.
- **Optimal safety** thanks to the locking nut, which prevents any misalignment caused by vibrations or accidental manipulation.
- **Surface treatment reinforced by high phosphorus chemical nickel plating,** offering resistance suited to the stringent requirements of the food processing industry and other harsh environments.

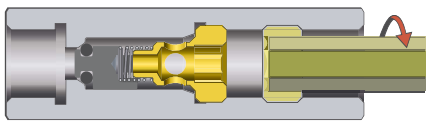
Recommended applications



Protects the cylinder from back pressure with precise, adjustable flow control

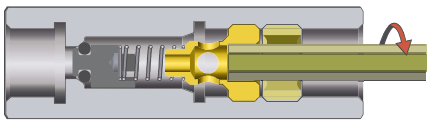
Operating principle

Step 1



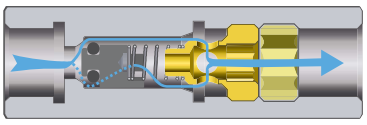
Unscrew the locking nut with an Allen key.

Step 2



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

Step 3



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

Installation guide

Maximum tightening torque (daN.m)	Threads			
	G1/8	G1/4	G3/8	G1/2
	0.8	1.2	3	3.5

User guide

Valve opening threshold	Threads	0 to 4 turns *(indicative values)*
	G1/8- G1/4 G3/8 G1/2	1 to 0.10 bar 1 to 0.15 bar 1 to 0.20 bar