LEGRIS NON-RETURN VALVES



Thanks to their robustness, Legris non-return valves allow compressed air to pass in one direction while blocking it in the other, thus ensuring optimum protection for the installation.

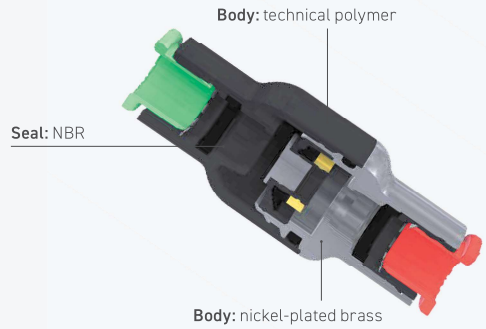
TECHNICAL POLYMER NON-RETURN VALVES

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 0.3 to 10 bar with minimum trigger threshold of 0.3 bar
- **Operating temperature:** 0°C to +70°C
- **Tube diameter:** 4 to 12 mm
- **Connection:** G1/8 to G1/2 (BSPP) – R1/8 to R1/2 (BSPT)
- **Regulations:** RoHS, REACH, PED, ISO 13849-1

Performance depends on the fluid, material and tube used.

Component materials



Benefits

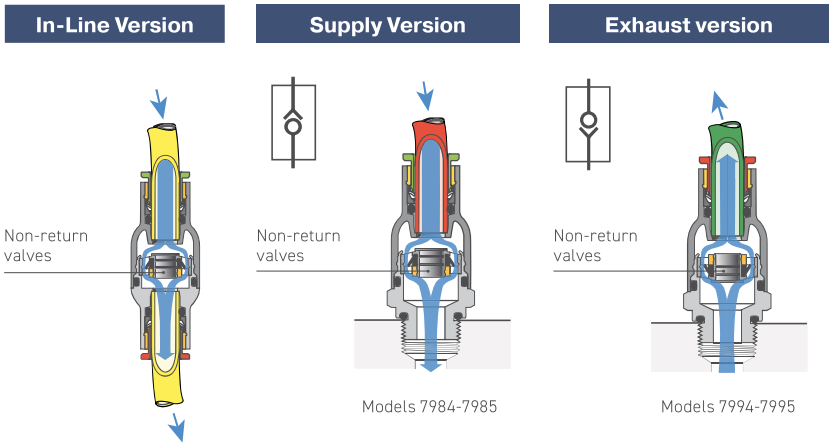
- **"Safety" product** : endurance tested in accordance with the requirements of DI 2006/42/EC (B10d > 100 million cycles according to ISO 19973).
- **Easy to assemble** thanks to the arrow indicating the direction of fluid flow.
- **Secure assembly** thanks to colour coding indicating the function at the supply (green) and exhaust (red).
- **Available in threaded or push-in versions** to fit into any configuration.

Recommended applications



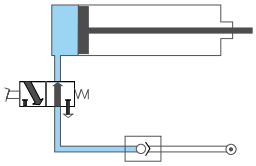
Protects the installation by ensuring unidirectional flow

Operating principle



Installation guide

Installation diagram



User guide

	Diameters	Air flow rate at 6 bar
Flow characteristics (Nl/min)	4 mm	350 Nl/min
	6 mm	670 Nl/min
	8 mm	1080 Nl/min
	10 mm	2230 Nl/min
	12 mm	2300 Nl/min