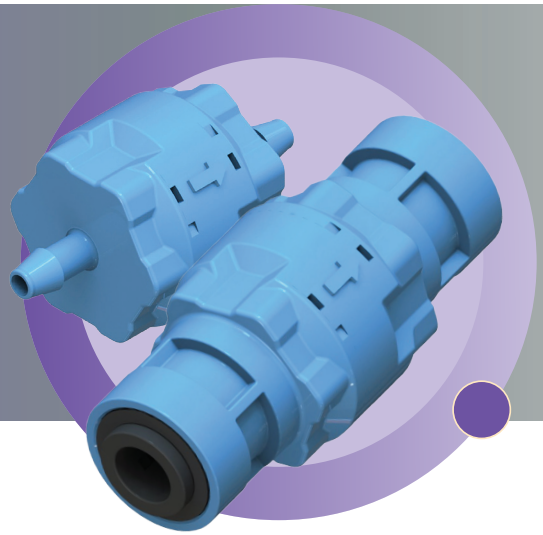
MANUFACTURING

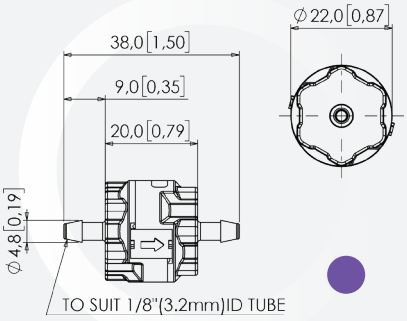
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Poppet Check Valves

Build the valve specification your application requires







Dimensional drawing for every product



Poppet Check Valve Product Features

- **Sizes:** 1/8", 1/4", 5/16", 3/8", 4mm & 6mm
- **Connection:** Barb/Female Thread/Push-In
- **Seals:** Nitrile (other options available)
- **Material:** Glass Filled Polypropylene (FDA CFR21 approved)
- **Cracking Pressure:** 3 psi (other options available)
- Interchangeable housing and cartridges
- Custom options are available on request

Poppet Check Valves at a Glance

Check valves are an essential component in many pneumatic and fluidic systems, preventing the possibility of reverse flow (backflow), opening at a designated pressure ensuring that cross-contamination does not occur upstream.

Applications:

- Medical
- Bioprocessing
- Food & Beverage
- Water Treatment & Filtration
- Automotive Applications

Why Choose our Poppet Check Valves?

The EoxMfg range of poppet check valves is manufactured using "modular" tooling which enables us to offer a variety of input and output connections in a cost effective way (typically hose barbs and luer thread connections).

Our current range features the most popular and widely used variants. These options are ideal for small-scale trials and prototype applications and they readily scale from R&D projects to high-volume production.

Unique secure locking clip design to prevent untwisting.

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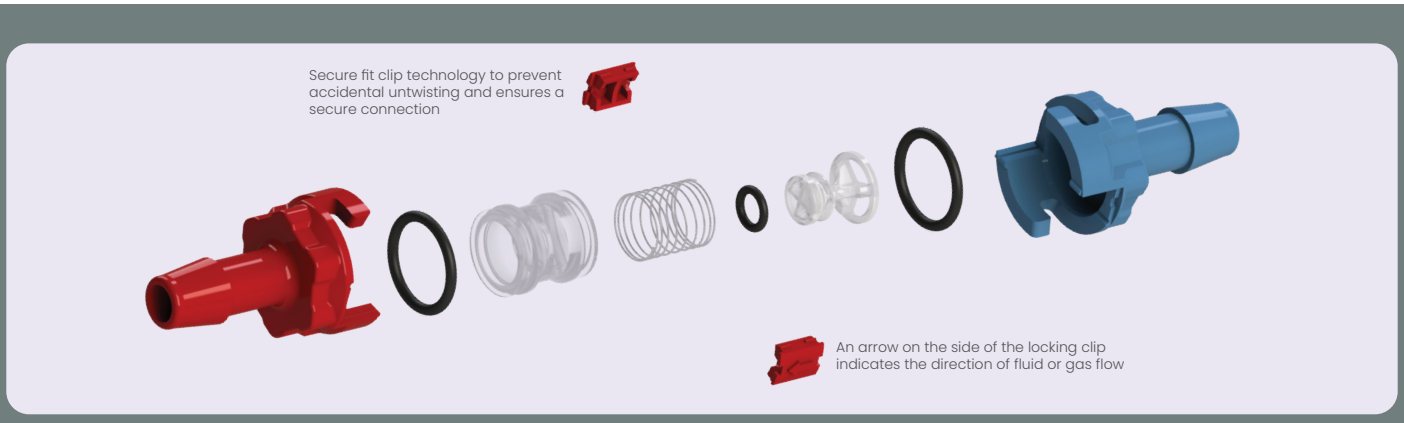
Poppet Check Valve Part Numbering

Prefix	Inlet Connector			Outlet Connector			Seal	
	Type (a)	Size (b)	Colour (c)	Type (d)	Size (e)	Colour (f)	O-ring Material (g)	Cracking Pressure (h)
E	1 = Barb	C = 1/8" E = 1/4" F = 5/16" G = 3/8"	R = Red N = Natural B = Blue	1 = Barb	C = 1/8" E = 1/4" F = 5/16" G = 3/8"	R = Red N = Natural B = Blue	N = Nitrile 60 sh E = EPDM 70 sh S = Silicone 70 sh V = FKM Viton 75 sh	0.1 = 0.1 psi 0.5 = 0.5 psi 1 = 1 psi 2 = 2 psi 3 = 3 psi 4 = 4 psi 5 = 5 psi 10 = 10 psi
	2 = Push-In	M = 4 mm N = 6 mm E = 1/4"		2 = Push-In	M = 4 mm N = 6 mm E = 1/4"			
	3 = BSPP Female Thread	C = 1/8"		3 = BSPP Female Thread	C = 1/8"			

Example

E - C 5 8 - P G - 1 C B 1 C B - N 3

Cartridge Diameter	Material	Inlet Connector	Outlet Connector	Seal
5/8"	Glass Filled Polypropylene	(a) Type: Barb (b) Size: 1/8" (c) Colour: Blue	(d) Type: Barb (e) Size: 1/8" (f) Colour: Blue	(g) O-ring material: Buna-N (Nitrile) (h) Cracking pressure: 3 psi



Need a Custom Component for your Application?

Our online configurators enable you to build the component your application requires. Select from a range of materials, end connections and performance characteristics to suit your specific application. Our customiseable products are perfect for your R&D project. **Scan the QR code to get started.**