

# Eox - Modular Check Valve

Your gateway to a world of miniature fluid control



## Key features of our check valve range:

- ✓ Choose identical or different input and output connections
- ✓ Connections: Barb, Push-In, BSPP Female Thread
- ✓ 'O'ring material options include Nitrile, EPDM, Silicone, Viton
- ✓ Cracking Pressure options range from 0.1 psi up to 10 psi
- ✓ Polypropylene Check Valve Cartridge with Stainless Steel spring
- ✓ 30% Glass-Filled Polypropylene in Red, Natural and Blue

## Full Specification:

Case Material:	Glass filled Polypropylene (FDA CFR21 approved)
Valve Cartridge Material:	Polypropylene (FDA CFR21 approved)
Poppet Material:	Polypropylene (FDA CFR21 approved)
Spring Material:	Stainless Steel 302
'O' ring material options:	Nitrile, EPDM, Silicone, Viton
Max. Inlet Pressure:	75 psi (5.17bar) @ ambient 21°C (70°F)
Cracking Pressure options:	0.1 psi (6.8 mbar) 0.5 psi (35 mbar), 1.0psi (68 mbar), 2.0psi (138 mbar) 3.0 psi (207 mbar), 4.0 psi (276 mbar), 5.0 psi (345 mbar) 10 psi (689 mbar)
Inlet/ Outlet Connections:	Barb, Push in fitting BSPP Female thread Mounting Style: In-line
Operating Temperature:	5°C (41°F) to 50°C (122°F)
Recommended Media:	Air (or any fluid compatible with materials dependent upon customer evaluation and testing)
Weight:	5.3g (0.095oz) (1/8" barb assembly)
Cycling:	Min 100,000 cycles – Maintenance free

## Compliance:

Approvals:	FDA CFR21 / RoHs / REACH
Clean Room Manufactured:	Not as standard (available option)
Country of Origin:	United Kingdom



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