



AIV Air-Operated Isolation Valves

AIV1-3



Like the NIV and PIV series, the AIV series features Clippard's unique multifunctional valve stem design for longer life and minimal dead volume. The difference with the AIV series is that it also provides the added benefit of air operation, which is—by definition—intrinsically-safe. No solenoid means absolutely no heat buildup from the coil, making the AIV series ideal for applications that utilize temperature-sensitive media. Like the PIV, all wetted areas of the AIV series are PTFE and PEEK, making it ideal for use with corrosive media.

2D Files	File
Accessories	Zero Dead Volume Fitting
Connection	#10-32 UNF (pilot port)
Data Sheet	Data Sheet
Documentation	CE, RoHS (Download)
Flow	10 l/min
Function	3-Way Selector/Diverter
Length	1.155 (29.34 mm)
Material, Wetted	PTFE, PEEK
Medium	Air, Water, Gas & Compatible Fluids
Mount	#2-56 or #4-40
Operating Pressure	Vac. to 100 psig (7 bar)
Operating Temperature Range	-30 to 180°F (-34 to 82°C)
Orifice	0.040" (1.0 mm)
Pilot Pressure (Max.)	100 psig (7 bar)
Pilot Pressure (Min.)	30 psig (2 bar)
Ports	#10-32
Product Line Brochure	Isolation Valves
Series Flow Range	10 to 180 l/min @ 100 psig (7 bar)
Weight (lbs.)	0.0415

