

MINIATURE SOLENOID VALVES

2/2-way NC, 3/2-way
Fast switching times
High flow rates

CSV 10mm



CSV 12mm



2/2-way and 3/2-way compact valves with high flow rates of up to 40 l/min (10mm valve at 2 bar) or 125 l/min (12mm valve at 2 bar). The valves are pressure balanced and allow a maximum pressure of up to 2 bar on all connections. Fast switching times enable precise control of air, oxygen and inert gases. Optionally, the valves can be supplied with an electrical connector and 30 cm cable.

SPECIFICATIONS

	CSV 10mm	CSV 12mm
Type	2/2-way NC 2/2-way NO 3/2-way	
Port connection	Cartridge	
Media	Air, Oxygen, Inert gases	
Rated voltage	12 VDC 24 VDC	
Flow rate (at 2 bar)	40 l/min (0.075 Cv)	125 l/min (0.20 Cv)
Operating pressure range	0 - 2 bar (each connection)	
Seal material	NBR (optional FKM)	
Ambient temperature range	0 - 52°C	
Body material	Acetal, LCP	
Inner parts	Stainless steel	
Power consumption	2.0 W	5.0 W
Response time	10 ms ON, 6 ms OFF	9 ms ON, 5 ms OFF
Operating duration	Intermittent (Continuous with hit-and-hold operation)	
Weight	approx. 11 g	approx. 19.5 g
Dimensions	9.9 mm x 23.22 mm - 38.3 mm	11.99 mm x 24.28 mm - 42.16 mm