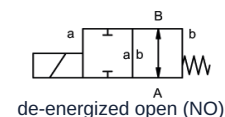
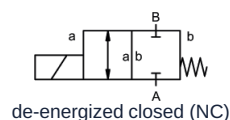
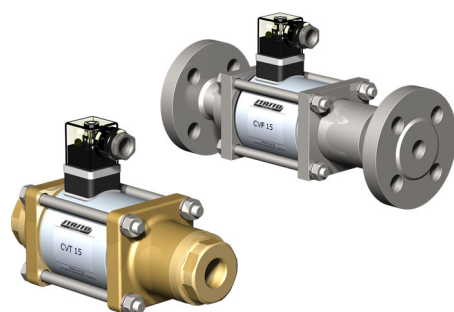


2/2-Way coaxial solenoid valve - direct-acting Series CVT/CVF-50



Design type	2/2 - way coaxial solenoid valve, direct-acting, normally closed (de-energized closed) or de-energized open
Mode of operation	pressure-relieved, with spring return
Nominal size	DN 50mm
Connection	CVT: G2", CVF: Flange PN16, Special flanges and threads on request
Pressure range	0...16bar
Back pressure	P2 > P1, available (max. 16bar)
Materials	optional Body Brass, Brass nickel-plated, Steel nickel-plated, Steel galvanized, non-ferrous metal-free or Stainless steel Valve seat Plastic on metal, Sealing materials NBR, PTFE, FKM, CR, EPDM The material specifications of the versions refer exclusively to the valve connection parts that come into contact with the medium
Media	gaseous - liquid - high-viscosity - gelatinous - contaminated
Flow direction	A → B, according to Marking, (Special version alternating max. 10bar)
Mounting type	Installation in rigid piping system, Mounting bracket on request
Mounting position	any
Vacuum Leakage rate	< 10 ⁻⁶ mbar*l*s ⁻¹
Kv value	38m³/h
Switching cycles	40/min.
Switching time	ON 400ms, CLOSED 400ms
Medium temperature	-20...+80°C (Special version -20...+120°C)
Ambient temperature	-20...+80°C
Approvals	on request LR/DNV/EN10204
Weight	CVT 25,5kg, CVF 31,0kg
Options	Vacuum tests with certificate, Limit switch inductive (Normally closed (NC) PNP- Icomatic/Balluf), Limit switch inductive NAMUR (+ Switching amplifier), Version ATEX, cushioned closing, Manual emergency override

Voltage type	AC and DC voltage
Standard voltage	230V/40-60Hz, 24VDC, Permissible voltage fluctuation +5% / -10%
Special voltages	on request
Solenoid system	DC DC solenoid, AC DC solenoid with integrated rectifier (above 100°C with separate rectifier)
Insulation class	H 180°C



Limit switch



Icomatic Plastic version
M12x1, DC 10 - 60V
AC 15 - 250V
-25...+85°C



Balluff Metal version
M12x1, DC 10 - 30V
-25...+70°C



Honeywell
Changeover contact

Illustrations non-binding

Design, dimensional and material changes reserved

[Armatures](#) / [Special armatures](#) / [Coaxial valves](#) / [2/2-way-coaxial solenoid valves Series CVT.../CVF...](#) / [\[CVT-50...\] 2/2-way-coaxial solenoid valves CVT-50...](#)

