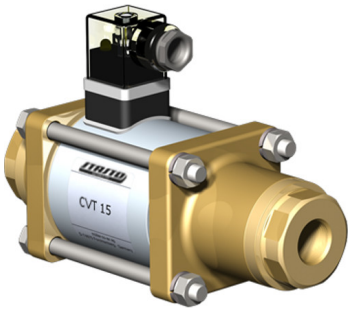
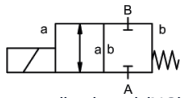
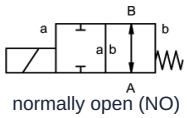
Partnership. With Guarantee.

2/2-Way coaxial solenoid valve - direct-acting
Series CVT-10





normally closed (NC)



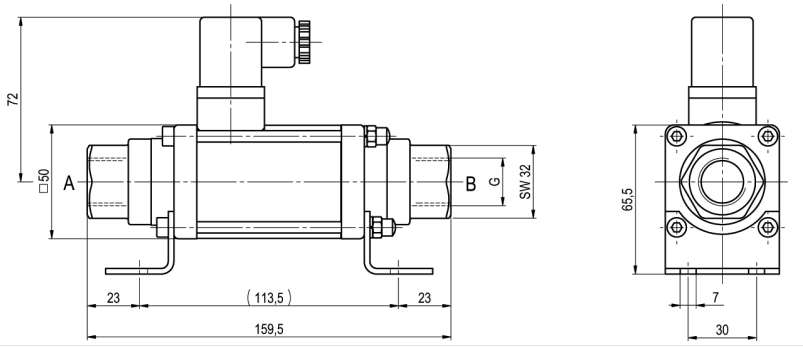
normally open (NO)

Design type	2/2-way coaxial solenoid valve, direct-acting, normally closed or normally open
Mode of operation	pressure-relieved, with spring return
Nominal size	0...16bar / 0...40bar / 0...63bar: DN10mm 0...100bar: DN8mm
Connection	G1/4"...G3/4" , Special thread on request
Pressure range	0...16bar, 0...40bar, 0...63bar or 0...100bar
Back pressure	P2 > P1, available (max. 16bar)
Materials	optional Body Aluminium, Brass, Nickel-plated brass or Stainless steel Valve seat Plastic on metal, Sealing materials NBR, PTFE, FPM, CR, EPDM The material specifications of the versions refer exclusively to the valve connection parts in contact with the medium
Media	gaseous - liquid - contaminated
Flow direction	A → B, according to marking, (Special version alternating max. 16bar)
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	0...16bar / 0...40bar: 2,5m³/h 0...64bar: 2,3m³/h 0...100bar: 1,6m³/h
Switching cycles	200/min.
Switching time	0...16bar / 0...40bar: ON 25ms, CLOSED 25ms 0...64bar / 0...100bar: ON 135ms, CLOSED 20ms
Medium temperature	-10...+100°C (Special version -30...+120°C)
Ambient temperature	-10...+80°C
Approvals	on request LR/GL/EN10204
Weight	0...16bar / 0...40bar: 1,5kg 0...64bar / 0-100bar: 2,2kg
Options	0...16bar / 0...40bar: Vacuum tests with certificate, Limit switch inductive (Normally closed (NC) PNP-Icomatic/Balluf), Limit switch inductive NAMUR (+ Switching amplifier), Version ATEX 0...64bar / 0...100bar: Vacuum tests with certificate, Limit switch inductive (Normally closed (NC) PNP-Icomatic/Balluf)

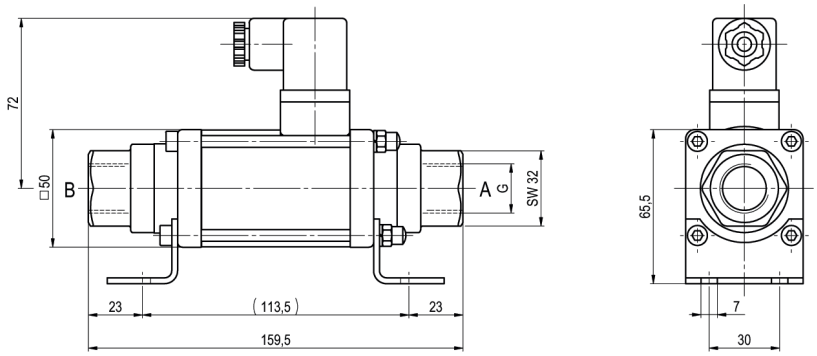
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austria@stasto.eu
© STASTO Automation KG

Voltage type	AC and DC voltage
Standard voltage	230V/40-60Hz, 24VDC, Permissible voltage fluctuation ±10%
Special voltages	on request
Solenoid system	DC DC solenoid, AC DC solenoid with integrated rectifier
Insulation class	H 180°C
Current consumption	0...16bar / 0...40bar: N-coil 24VDC 1A, 230VAC 0,13A, H-coil 24VDC 1,29A, 230VAC 0,16A 0...64bar / 0...100bar: N-coil 24VDC 1,33A, 230VAC 0,14A
Duty cycle	100% (Continuous operation)
Degree of protection	IP65 according to EN 60529 with correctly mounted device connector (protection against dust ingress and water jets)
Scope of delivery	incl. connector according to EN175301-803 Form A, Cable entry M20x1,5
optional	Device connector according to DESINA, connector to vdma, Terminal box M16x1,5 on request
Additional equipment	Illuminated connector with varistor
Ordering information	Nominal size, Connection, Function NC/NO, Operating pressure, Flow rate, Medium, Medium temperature, Ambient temperature, Rated voltage, Rated voltage Limit switch
Application note	The technical design of the valves is media- and application-specific, which may result in deviations from the general specifications stated in the data sheet with regard to version, sealing materials and characteristic values. In the event of inaccurate or incomplete ordering information or application data, there is a risk of incorrect technical sizing of the valves for the intended application.. This may result in the physical and/or chemical properties of the materials or seals used being insufficient for the intended application purpose.

Dimensions 0...16bar / 0...40bar



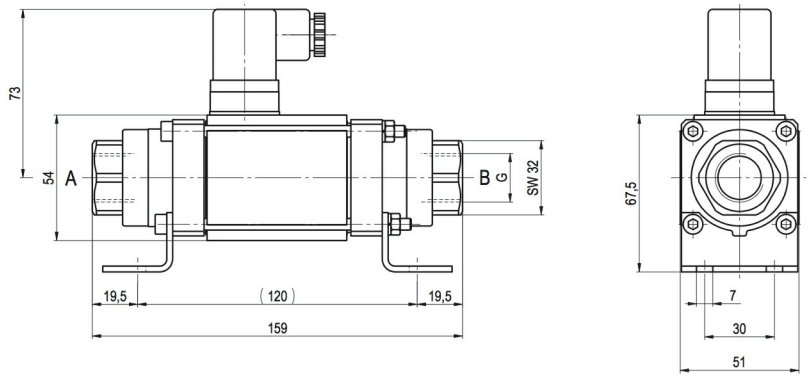
CVT-10 Function NC



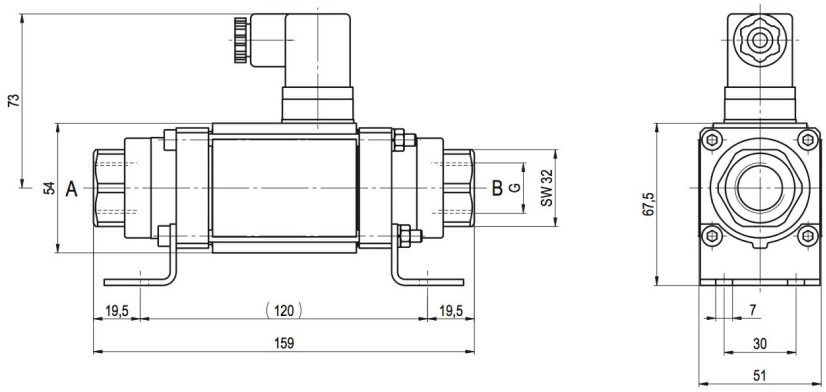
CVT-10 Function NO

Mounting brackets must be ordered separately

Dimensions 0...63bar / 0...100bar



CVT-10 Function NC



CVT-10 Function NO

Mounting brackets must be ordered separately

Electrical connections



M12x1 DESINA / VDMA



DIN EN 175301-803



Terminal box



Form A connector
DIN EN 175301-803

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

Illustrations non-binding
Design, dimensional and material changes reserved