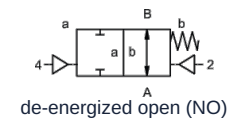
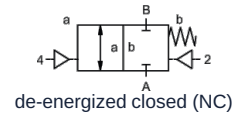
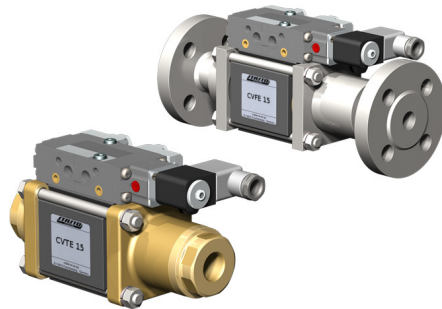


2/2-Way coaxial valve - pilot-operated, DN25 Series CVTE/CVFE-25



Type designation	CVTE-25, CVFE-25, with pilot valve CVTE-P-25, CVFE-P-25
Design type	2/2-way coaxial valve, pilot-operated, normally closed (de-energized closed) or de-energized open
Mode of operation	pressure-relieved, with spring return
Nominal size	DN 25mm
Connection	CVTE: G1"...G1 1/2", CVFE: Flanges PN16/40/100, Special flanges and threads on request
Pressure range	0...16, 0...40, 0...63 or 0...100bar, > 100bar on request
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 PTFE, NBR, FPM, 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 - contaminated - high-viscosity - gelatinous - paste-like
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	13,3m³/h
Switching cycles	200/min.
Switching time	ON 50...3000ms, CLOSED 50...3000ms
Cushioning	ON/CLOSED: via throttling of the pilot valve
Medium temperature	with flange-mounted pilot valve up to +60°C (Pilot valve outside the temperature range medium temperature max. 160°C)
Ambient temperature	with flange-mounted pilot valve up to +50°C
Manual emergency override	via pilot valve
Approvals	on request LR/DNV/EN10204
Weight	CVTE 6,7kg, CVFE 9,0kg
Options	Vacuum tests with certificate, Limit switch inductive (Normally closed (NC) PNP- Icomatic/Balluff), Limit switch inductive NAMUR (+ Switching amplifier), Limit switch mechanical (Changeover contact), Flushing ports, Leakage ports, modular design, Version ATEX Ex II 2G Ex h IIC T6...T3 Gb / Ex II 2D Ex h IIIC T-40°C...+195°C Db



Pilot valves



Pilot valve ABS56
5/2-way valve NAMUR
electropneumatic
G1/4, with exhaust air flow controls
p = 4...10bar



Pilot valve
5/2-way valve NAMUR
electropneumatic
G1/8, with exhaust air flow controls
p = 4...10bar



Pilot valve
5/2-way valve ISO1
electropneumatic
G1/4
p = 4...10bar



Pilot valve
5/2-way valve co-ax
electropneumatic
G1/4
p = 4...10bar

Electrical connections



electrical connection
Solenoid coil M12x1



electrical connection
Form B connector DIN EN 175301-803
or rather Industrial design form

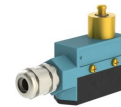
Limit switch



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 valves Series CVTC.../CVTEH.../CVTE.../CVFE.../CVTV.../CVFV.../CVFF... / [CVTE-25...] 2/2-way-coaxial valves CVTE-25...

