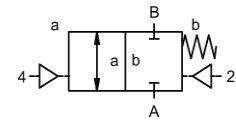
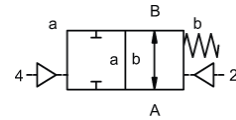


2/2 - way coaxial valve - externally controlled series CVTC-8



normally closed (NC)

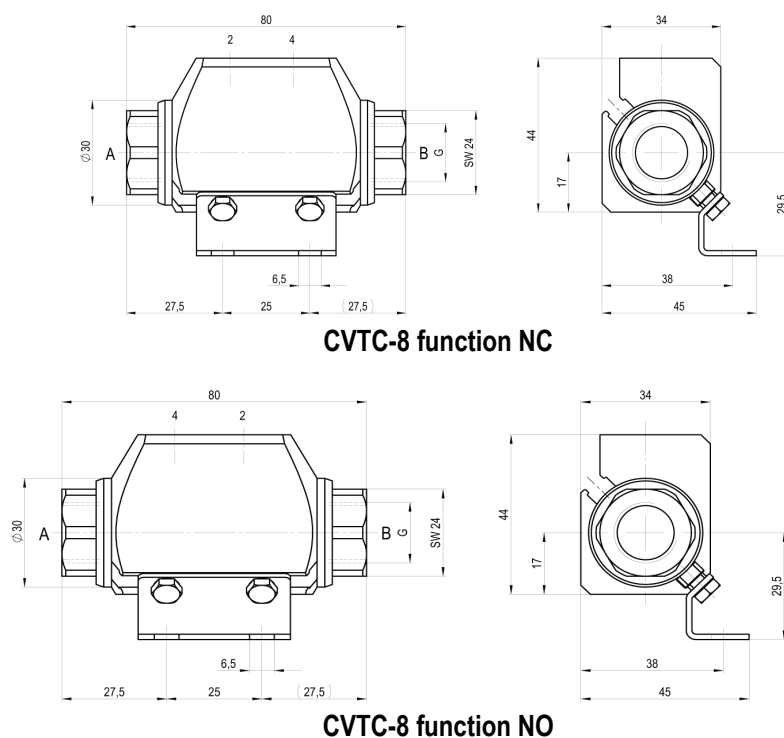


normally open (NO)

type designation	CVTC-8, with pilot valve CVTC-P-8
design	2/2-way coaxial valve , externally controlled, normally closed or normally open
mode of operation	pressure balanced, with spring return
nominal diameter	DN 8mm
connection	G 3/8"
pressure range	0-40bar
back pressure	P2 > P1, available (max. 16bar)
materials	body brass valve seat plastic on metal, sealing materials NBR, PTFE, FPM, PE, PU the indications of material of the remarks exclusively refer to the valve connection parts coming into contact with the medium
media	gaseous - liquid - contaminated - highly viscous
flow direction	A → B, according to identification
type of fixing	installed into rigid pipework, mounting bracket on request
mounting position	any
vacuum leakage rate	$< 10^{-6} \text{ mbar} \cdot \text{l} \cdot \text{s}^{-1}$
kv value	1,6m³/h
operations	400/min.
switching time	open 70ms, close 80ms
medium temperature	with flanged pilot valve to +60°C (> 60°C on request)
ambient temperature	with flanged pilot valve to +50°C (> 50°C on request)
certifications	on request LR/GL/EN10204
limit switch	reed, temperature range max. +70°C
manual emergency override	via pilot valve
weight	0,3kg
options	vacuum-test with certificate, modular design

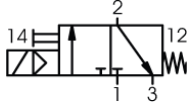
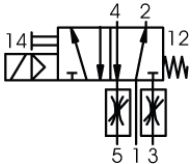
type of current	AC and DC
standard voltage	230V/40-60Hz, 24VDC, acceptable voltage tolerance $\pm 10\%$
special voltage	on request
power consumption	DC: 4,8W (2,5W on request), AC: inrush power 11,0VA, holding power 8,5VA
duty cycle	100% duty cycle (continuous operation)
protection class	IP65 (IP54) according to DIN 40050 with correctly mounted connector (protection against the penetration of dust and jet water)
scope of supply	with connector acc. to EN175301-803-form B (previous DIN43650) - cable inlet M16x1,5
optional	connector acc. to DESINA, connector acc. to VDMA, connector with cable
additional features	connector with integrated LED and VDR
explosion protection	Eex m II T5, power consumption 24VDC: 3,25W, 230VAC: 2,90W
pneumatically controlled	
control pressure range	4-10bar (3-10bar on request)
air requirement	1,2cm ³ /stroke
control	with 3/2-way pilot valve
connection diagramme	co-ax, (CNOMO on request)
control ports	2/4: G1/8"
order data	nominal diameter, connection, NC/NO function, operating pressure, flow rate, medium, medium temperature, ambient temperature, nominal voltage, nominal voltage limit switch
direction for use	the valves technical design is based on media and application, which may lead to deviations from the general information on the data sheet in terms of design, sealing materials and characteristics. if order or application information is inexact or incomplete, there is a risk of the incorrect design of valves for the intended use. This can have the effect that the physical and / or chemical properties of the used materials or seals for the intended purpose are insufficient.

dimensions



mounting brackets are to be ordered separately

accessories

			
3/2-way pilot valve	electrical connection coil M12x1	electrical connection B type connector DIN EN 175301-803	reed switch
			
3/2-way pilot valve nominal flow rate 60 NI/min pressure range 4-10bar			
			
5/2-way pilot valve (just separately) nominal flow rate 700NI/min pressure range 4-10bar, G1/8"			

illustrations are for information only and are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice