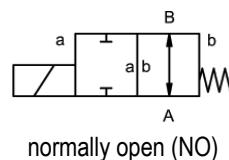
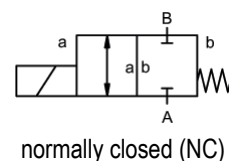
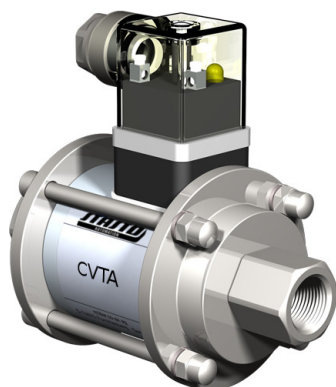


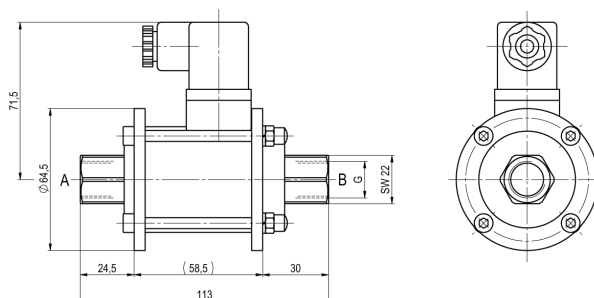
2/2 - way coaxial solenoid valve - directly operated, DN2/4/6mm series CVTA



design	2/2 - way coaxial solenoid valve , directly operated, normally closed or normally open
mode of operation	directly operated, with spring return
nominal diameter	DN 2/4/6mm
connection	G3/8"
pressure range	NC: DN 6mm: 0-10bar, DN 4mm: 0-40bar, DN 2mm: 0-130bar NO: DN 6mm: 0-10bar, DN 4mm: 0-60bar, DN 2mm: 0-130bar
materials	stainless steel valve seat plastic on metal, sealing materials NBR, FPM, PTFE, EPDM the indications of material of the remarks exclusively refer to the valve connection parts coming into contact with the medium
media	gaseous - liquid
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	DN 6mm: 9,8l/min, DN 4mm: 5,3l/min, DN 2mm: 1,3l/min
operations	200/min
switching time	open 20ms, close 45ms
medium temperature	-10...+80°C (>80°C on request)
ambient temperature	-10...+80°C
certifications	on request factory certificate
weight	1,2kg
options	vacuum-test with certificate

type of current	AC and DC
standard voltage	230V/40-60Hz, 24VDC, acceptable voltage tolerance $\pm 10\%$
special voltage	on request
magnetic system	DC direct current solenoid, AC direct current solenoid with integrated rectifier
classification of insulation	H 180°C
current consumption	24VDC 1,33A, 230VAC 0,17A
duty cycle	100% (continuous operation)
protection class	IP65 according to EN 60529 for a correctly mounted connector (protection against the penetration of dust and jet water)
scope of supply	with connector acc. to EN175301-803-form A (previous DIN43650)-cable inlet M16x1,5
optional	connector acc. to DESINA, connector acc. to VDMA
additional features	connector with integrated LED and VDR
order data	nominal diameter, connection, NC/NO function, operating pressure, flow rate, medium, medium temperature, ambient temperature, nominal voltage
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



CVTA function NC/NO

mounting brackets are to be ordered separately

electrical connection



M12x1 DESINA / VDMA



A type connector
DIN EN 175301-803

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