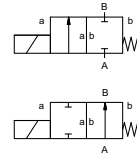



coaxial valve


type A 45



2/2 way valve direct acting
pressure range PN 0-130 bar
orifice DN 2/4/6 mm
connection thread
function valve normally closed
 symbol **NC**
 valve normally open
 symbol **NO**



 Above stated body materials refer to the valve port connections that get in contact with the media only!

design direct acting, with spring return
body materials  stainless steel

valve seat synthetic resin on metal
seal materials NBR, PTFE FPM, EPDM

details needed

- orifice
- port
- function NC/NO
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

general specifications


options


ports	A45	threads G 3/8
function	NC	NO
pressure range	bar	10 40 130
	DN	6 4 2
Kv value	l/min	9,8 5,3 1,3
vacuum	leak rate	< 10 ⁻⁶ mbar·l·s ⁻¹
pressure-vacuum	P ₁ ⇔ P ₂	upon request
back pressure	P ₂ > P ₁	
media	gaseous - liquid	
abrasive media		
damping	opening	
	closing	
flow direction	A ⇔ B	as marked
switching cycles	1/min	200
switching time	ms	opening 20 closing 45
media temperature	°C	DC: -10 to +80 AC: -10 to +80 > 80 °C upon request > 80 °C upon request
ambient temperature	°C	DC: -10 bis +80 AC: -10 bis +80
limit switches		
manual override		
approvals	WAZ	
mounting	mounting brackets	
weight	kg	1,2
additional equipment	upon request	

electrical specifications

options

nominal voltage	U _n	DC 24 V	special voltage upon request
	U _n	AC 230 V 40-60 Hz	special voltage upon request
actuation	DC	direct-current magnet	
	AC	direct-current magnet with integrated rectifier	above 100 °C with separate rectifier
insulating rating	H	180°C	
protection	IP65		
energized duty rating	ED	100%	
connection	plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm		
optional	M12x1	connector acc. DESINA	connector acc. VDMA
additional equipment	illuminated plug with varistor		
current consumption	DC 24 V	1,33 A	
	AC 230 V 40-60 Hz	0,17 A	
explosion proof			
limit switches			

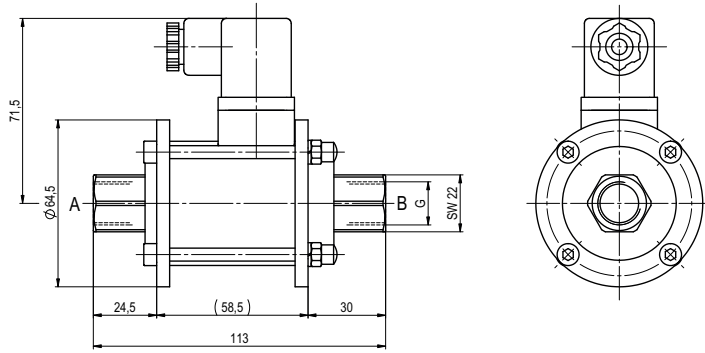
 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

■ specifications not highlighted are standard
 ■ specifications highlighted in grey are optional

type **A 45**

function: **NC**
closed when not energized



type **A 45**

function: **NO**
open when not energized

