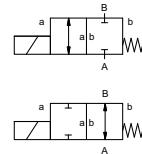


# lateral valve

## type **RSV 40**



<b>2/2 way valve</b>	<b>direct acting</b>
<b>pressure range</b>	PN 0-10 bar
<b>orifice</b>	DN 40 mm
<b>connection</b>	thread
<b>function</b>	valve
	normally closed
	symbol <b>NC</b>
	valve
	normally open
	symbol <b>NO</b>



<b>design</b>	pressure balanced, with spring return
<b>body materials</b>	① brass ③ brass, nickel plated

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

<b>valve seat</b>	synthetic resin on metal
<b>seal materials</b>	NBR

FPM

**details needed**

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

**general specifications**

<b>ports</b>	RSV	threads G 1 1/2	
<b>function</b>	NC	NO	
<b>pressure range</b>	bar	0-10	
<b>Kv value</b>	m <sup>3</sup> /h	14,0	
<b>vacuum</b>		low vacuum	
<b>pressure-vacuum</b>	P <sub>1</sub> ↔ P <sub>2</sub>		upon request
<b>back pressure</b>	P <sub>2</sub> > P <sub>1</sub>		
<b>media</b>		gaseous - liquid	
<b>abrasive media</b>			
<b>damping</b>	opening		
	closing		
<b>flow direction</b>	A → B	as marked	
<b>switching cycles</b>	1/min	70	
<b>switching time</b>	ms	opening 150 closing 250	
<b>media temperature</b>	°C	DC: -10 to +80 AC: -10 to +80	
<b>ambient temperature</b>	°C	DC: -10 bis +80 AC: -10 bis +80	
<b>limit switches</b>			
<b>manual override</b>			
<b>approvals</b>			
<b>mounting</b>			mounting bracket / mounting holes
<b>weight</b>	kg	8,4	upon request
<b>additional equipment</b>			

**electrical specifications**

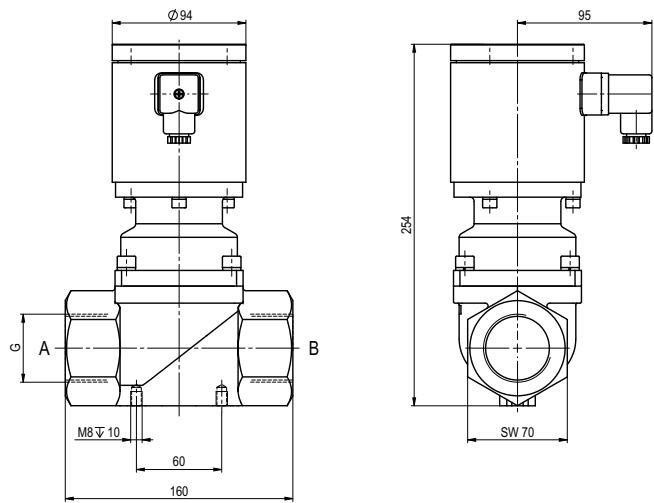
<b>nominal voltage</b>	U <sub>n</sub> DC 24 V	special voltage upon request
	U <sub>n</sub> AC 230 V 40-60 Hz	special voltage upon request
<b>actuation</b>	DC direct-current magnet	
	AC direct-current magnet with integrated rectifier	
<b>insulating rating</b>	H 180°C	
<b>protection</b>	IP65	
<b>energized duty rating</b>	ED 100%	
<b>connection</b>	plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm	terminal box M16x1,5
<b>optional</b>		
<b>additional equipment</b>	illuminated plug with varistor	
<b>current consumption</b>	N-coil DC 24 V 2,66 A	
	AC 230 V 40-60 Hz 0,36 A	

**explosion proof****limit switches**

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

## type RSV 40

function: **NC**  
closed when not energized



## type RSV 40

function: **NO**  
open when not energized

