## coax<sup>®</sup> data sheet - lateral valve

type RSV 50



05/2022



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

det	t <b>ails needed</b> orifice
	port
	function NC/NO
	operating pressure
	flow rate
	media
	media temperature
	ambient temperature
	nominal voltage

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. To avoid hydraulic shocks in pipelines, the flow velocities must be taken into account when designing valves for liquids.

specifications not highlighted are standard specifications highlighted in grey are optional

## direct acting PN 0-10 bar DN 50 mm thread valve normally closed symbol NC valve normally open symbol NO pressure balanced, with spring return

liness steel

operating principle body material

1 brass

2/2-way valve

connection

function

pressure range orifice

# valve seat seal materials ports function pressure range Kv value vacuum pressure-vacuum back pressure media abrasive media

damping

flow direction switching cycles switching time

media temperature

ambient temperature

limit switches manual override approvals mounting weight additional equipment

### nominal voltage

actuation

insulating rating protection energized duty rating connection

optional additional equipment current consumption

explosion proof

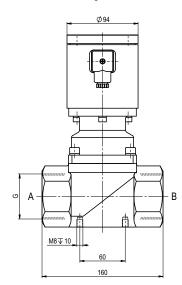
limit switches

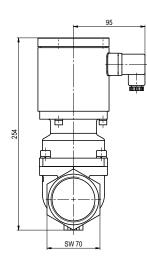
synthetic materials on metal NBR FPM general specifications options RSV threads G 2 NO NC bar 0-10 m³/h 19,0 low vacuum P1⇔ P2 upon request P2 > P1 gaseous - liguid opening closina A ⇔ B as marked 1/min 70 150 ms opening 250 closing DC: -10 to +80 °C AC: -10 to +80 °C DC: -10 bis +80 AC: -10 bis +80 mounting bracket / mounting holes kg 8,4 upon request electrical specifications options 24 V +5%/-10% Un DC special voltage upon request AC 230 V +5%/-10% 40-60 Hz Un DC special voltage upon request direct-current magnet AC direct-current magnet with integrated rectifier 180°C Н IP65 ED 100% plug acc. DIN EN 175301-803 form A, 4 terminal box M16x1,5 positions x90° / wire diameter 6-8 mm illuminated plug with varistor 1,79 A N-coil DC 24 V AC 230 V 40-60 Hz 0,36 A

## coax<sup>®</sup> data sheet - lateral valve

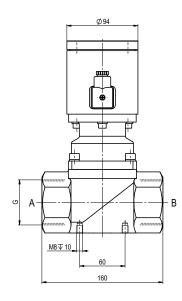
type RSV 50

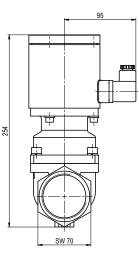
function: **NC** closed when not energized





function: **NO** open when not energized





müller co-ax shall retain the rights to these documents. Modifications to the documents are strictly prohibited. Rights reserved to make technical alterations • Not responsible for printing errors • Detailled drawings can be obtained upon request