

Small Switching Valves

Button Type / Toggle Type

Button Type

RoHS10

MSHRP (M5 Connection Type)
MSHBP (Rc1/8 Connection Type)

M5 Type

Rc1/8 Type

Material: Body: Brass (Surface Treatment: Electroless Nickel Plating), Push Button: 303 Stainless Steel

Button operation is momentary (spring return).

Reference value for button pressure: 11 N (the same for No. 3 and 4)

Part Number	Type	No.	Direction	Number of Ports	Name	Pipe Connection Bore Dia. IN / OUT	EX	Number of Positions	Effective Sectional Area (mm ²)	Mass (g)	Unit Price
MSHRP	3	3	3	3	M5	M5	1.5	2	1.8	30	
MSHBP	4	4	4	5	6A	Rc1/8	Rc1/8		1.9	60	
	3	3	3	3			M5		4.5	130	
	4	4	4	5					5.5	160	

Toggle Type

RoHS10

MSHRT (M5 Connection Type)
MSHBT (Rc1/8 Connection Type)

M5 Type

Rc1/8 Type

Material: Body: Brass (Surface Treatment: Electroless Nickel Plating), Toggle: 1214 Carbon Steel

Toggle position is retaining type.

Part Number	Type	No.	Direction	Number of Ports	Name	Pipe Connection Bore Dia. IN / OUT	EX	Number of Positions	Effective Sectional Area (mm ²)	Mass (g)	Unit Price
MSHRT	3	3	3	3	M5	M5	1.5	2	1.8	30	
MSHBT	4	4	4	5	6A	Rc1/8	Rc1/8		1.9	60	
	3	3	3	3			M5		4.5	130	
	4	4	4	5					5.5	160	

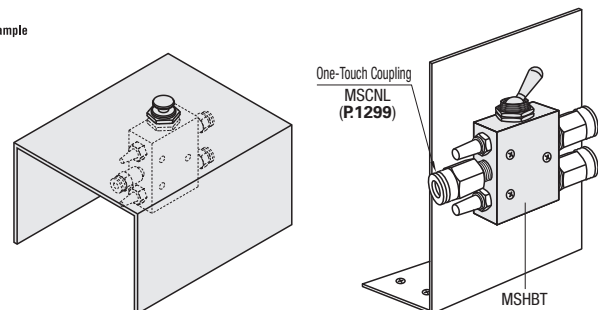
Ordering Example
MSHRP3
MSHBP4

Days to Ship
Configure Online

Price
Configure Online

Applicable Fluid	Air
Operating Pressure Range	0~0.9MPa
Operating Temperature Range	5~60°C (No Freezing)

Example



Small Switching Valves

Actuator Set Type

Actuator Set Type

RoHS10

MSHRM (M5 Connection Type)
MSHBM (Rc1/8 Connection Type)

Valve

Actuator

Material: Body: Brass (Surface Treatment: Electroless Nickel Plating), Push Button: 303 Stainless Steel

Button operation is momentary (spring return).

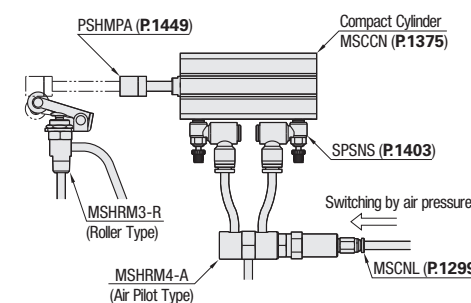
Part Number	Type	No.	Actuator	Direction	Number of Ports	Pipe Connection Bore Dia. IN / OUT	EX	Number of Positions	Effective Sectional Area (mm ²)	H	Unit Price
MSHRM	3	3	F (Manual Operation Type)	3	3	M5	1.5	2	1.8	52.3	
	4	4	R (Roller Type)	4	5				1.9	62.2	
MSHBM	3	3	B (Ball Type)	3	3	Rc1/8	Rc1/8		4.5	60.8	
	4	4	A (Air Pilot Type)	4	5		M5		5.5	69.3	
										65.8	
										64.3	
										74	

Ordering Example
MSHRM4 -
MSHBM4

Price
Configure Online

Days to Ship
Configure Online

Example



Example

Various actuators can be mounted on these small user-friendly switching valves, which allows selection of various switching methods.

Actuator	F Type	R Type	B Type	A Type
Structure				
Weight	20g	15g	15g	28g
Operating Force	MSHRM 3N	MSHBM 7N	10N	23N
Feature	Can be operated easily by fingers.	Switching is operated by detecting the one-way force.	Switching is operated by detecting 360° moving of the ball.	Switching is operated by detecting the compressed air on the pilot.

The actuator and the valve will be shipped unassembled.