

MS Metering Valve Unit

Specification

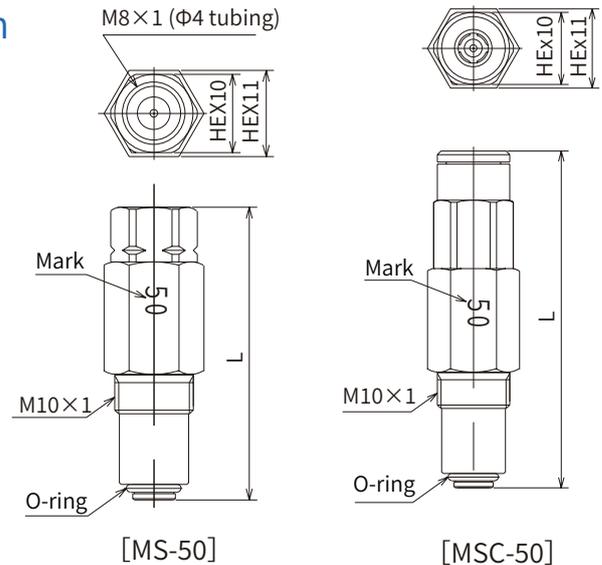


Model	Metering volume	Mark	L(mm)	Fittings	Pressure	Reset
MS-5	0.05mL/cyc	5	37.4	Screw-in	≥1.0MPa	≤0.3MPa
MS-10	0.10mL/cyc	10	37.4			
MS-20	0.20mL/cyc	20	50.4			
MS-30	0.30mL/cyc	30	57.8			
MS-50	0.50mL/cyc	50	57.8			
MSC-5	0.05mL/cyc	5	46.7	Push-in		
MSC-10	0.10mL/cyc	10	46.7			
MSC-20	0.20mL/cyc	20	59.7			
MSC-30	0.30mL/cyc	30	66.1			
MSC-50	0.50mL/cyc	50	67.1			

Order Code

<b>MS</b>	<b>5</b>
Fittings	Metering volume
MS = Screw-in type	5 = 0.05mL/CY
MSC = Push-in type	10 = 0.10mL/CY
	20 = 0.20mL/CY
	30 = 0.30mL/CY
	50 = 0.50mL/CY

Dimension



Feature

1. The pressurized (volumetric) metering valve is a direct pressure action type. The pressure oil delivered by the lubrication pump pushes the piston built into the metering valve to move and force the oil to be discharged. When the lubrication pump stops working, the piston of the metering part is reset under the action of the spring force, that is, the metering and storage of quantitative oil is carried out.
2. The metering valve has accurate oil discharge, and the metering part only discharges oil once in one oil supply cycle. The distance between the metering valves in the lubrication system is far, near, high, low, and horizontal or vertical installation. It has no effect on its displacement.
3. The metering valve is sensitive and uses two seals to prevent the discharged oil from flowing back.
4. The metering valve and the junction are split structures. According to the oil required by each lubrication point, the corresponding metering valve can be selected and combined with the MSJ junction (series and parallel combinations).
5. Outlet diameter of the metering valve is Φ4, and there are two ways to connect it.  
 Card sleeve type: tube needs to be used in combination with PA4 compression bushing and PB4 sleeve.  
 Quick-insert type: directly insert the Φ4 tube.

Metering Junction( $\Phi 6$ ,  $\Phi 8$ )



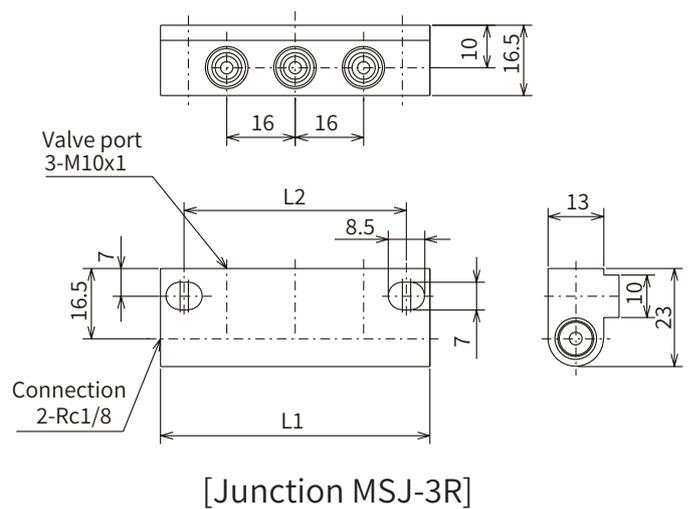
Order Code

**MSJ** — **5** — **R**  
 Outlets 2~12  
 Thread on both sides  
 M = M10x1 (with PD-601)  
 R = Rc1/8

Specification

Model	Oulets	L1	L2	N.W(g)
MSJ-1R	1	33	22	22
MSJ-2R	2	49	38	34
MSJ-3R	3	65	54	46
MSJ-4R	4	81	70	58
MSJ-5R	5	97	86	70
MSJ-6R	6	113	102	81
MSJ-7R	7	127	116	94
MSJ-8R	8	143	132	106
MSJ-9R	9	159	148	118
MSJ-10R	10	175	164	130
MSJ-12R	12	207	196	142

Dimension



Made of aluminum alloy, with anodized surface, beautiful appearance. The mounting holes can be processed as needed.

Assembly Code

**MSK** **5** **1 2 3 4 5** **A** **D6** **G**

- MS+MSJ
- Number of outlets 2~12
- Discharge of each metering valve
- A = Sleeve type valve fittings, C = Quick type valve fittings
- Junction left side: N = None/Rc1/8, G = Plug, D6 =  $\Phi 6$  straight connector, D8 =  $\Phi 6$  straight connector, H6 =  $\Phi 6$  elbow, H8 =  $\Phi 8$  elbow
- Junction right side: N = None/Rc1/8, G = Plug, D6 =  $\Phi 6$  straight connector, D8 =  $\Phi 6$  straight connector, H6 =  $\Phi 6$  elbow, H8 =  $\Phi 8$  elbow

