

# One-Touch Fitting Manifold

## Series **KM**

### Features

- ➔ Compact and lightweight.
- ➔ Centralized piping possible.
- ➔ Rich variation of 40 styles.
- ➔ One-touch installation.
- ➔ Threaded or one-touch fitting inlet or plug-in stem.
- ➔ 3, 6 or 10 way manifold.



■ Applicable tubing O.D.: Metric Size

■ Connecting thread: R, Rc

### Specifications

Model	KM11	KM12	KM13	KM14	KM15	KM16
Fluid	Air, Water <sup>Note 1)</sup>					
Max. operating pressure	1.0MPa					
Proof pressure	3.0MPa					
Ambient and fluid temperature	-5 to 60°C, In case of water: 0 to 40°C (With no condensation)					
Thread	—	JIS B0203 (Taper thread for piping)	—	JIS B0203 (Taper thread for piping)	—	—
Accessory	No	Hexagon socket head plug: 1 pc	No	No	No	No


Note 1) Applicable to general industrial water. Consult SMC if using for other fluids.  
Surge pressure must be under the maximum operating pressure.

### Applicable Tubing


Tubing material	Nylon, Soft nylon, Polyurethane
Tubing O.D.	ø4, ø6, ø8, ø10, ø12

### Model


Model	Porting		Number of port A	Port B Port size	Port A port size		
	Port A	Port B			ø4	ø6	ø8
KM11	One-touch fitting	One-touch fitting	6, 10	ø8	●		
				ø10		●	
				ø12			●
KM12	One-touch fitting	Rc female thread	6, 10	Rc1/4	●	●	
				Rc3/8			●
KM13	One-touch fitting	One-touch fitting	3	ø6	●		
				ø8	●	●	
				ø10		●	●
KM14	One-touch fitting	One-touch fitting R male thread	3	ø6, R1/8	●		
				ø6, R1/4	●		
				ø6, R3/8	●		
				ø8, R1/8	●	●	
				ø8, R1/4	●	●	
				ø8, R3/8	●	●	
				ø10, R1/4		●	●
				ø10, R3/8		●	●
KM15	One-touch fitting	One-touch fitting rod	3	ø6	●		
				ø8	●	●	
				ø10		●	●
KM16	One-touch fitting	One-touch fitting	3	ø4	●		
				ø6	●	●	

**One Touch Fittings Manifold**
**KM11**



Applicable tubing O.D. mm		Number of port A	Model
(A)	(B)		
4	8	6	KM11-04-08-6
		10	-10
6	10	6	KM11-06-10-6
		10	-10
8	12	6	KM11-08-12-6
		10	-10

**KM12**


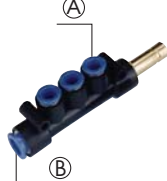
Applicable tubing O.D. (A) mm	Connecting thread	Number of port A	Model
4	Rc1/4	6	KM12-04-02-6
		10	-10
6	Rc1/4	6	KM12-06-02-6
		10	-10
8	Rc3/8	6	KM12-08-03-6
		10	-10

**KM13**


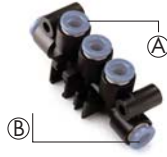
Applicable tubing O.D. mm		Number of port A	Model
(A)	(B)		
4	6	3	KM13-04-06-3
	8	3	-08-3
6	8	3	KM13-06-08-3
	10	3	-10-3
8	10	3	KM13-08-10-3

**KM14**


Applicable tubing O.D. mm		Connecting thread	Number of port A	Model
(A)	(B)			
4	6	R1/8	3	KM14-04-06-01S-3
		R1/4	3	-02S-3
		R3/8	3	-03S-3
4	8	R1/8	3	KM14-04-08-01S-3
		R1/4	3	-02S-3
		R3/8	3	-03S-3
6	8	R1/8	3	KM14-06-08-01S-3
		R1/4	3	-02S-3
		R3/8	3	-03S-3
6	10	R1/4	3	KM14-06-10-02S-3
		R3/8	3	-03S-3
		R1/2	3	-04S-3
8	10	R1/4	3	KM14-08-10-02S-3
		R3/8	3	-03S-3
		R1/2	3	-04S-3

**KM15**


Applicable tubing O.D. mm		Applicable fitting size	Number of port A	Model
(A)	(B)			
4	6	6	3	KM15-04-06-3
	8	8	3	-08-3
6	8	8	3	KM15-06-08-3
	10	10	3	-10-3
8	10	10	3	KM15-08-10-3

**KM16**


Applicable tubing O.D. mm		Number of port A	Model
(A)	(B)		
4	4	3	KM16-04-04-3
4	6	3	KM16-04-06-3
6	6	3	KM16-06-06-3