

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 ^{Note 1)}					
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

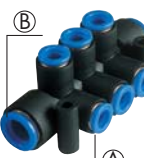
Tubing material	Nylon, Soft nylon, Polyurethane
Tubing O.D.	ø4, ø6, ø8, ø10, ø12

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
	(A)			
	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

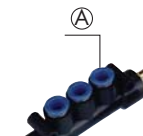
KM13

	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