

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 <small>Note1)</small>					
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

Note1) Applicable to general industrial water. Consult SMC if using for other fluids.

Surge pressure must be under the maximum operating pressure.

Applicable Tubing

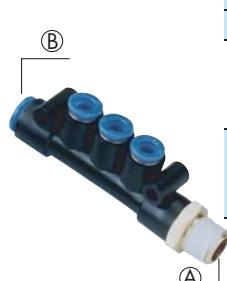
Tubing material	Nylon, Soft nylon, Polyurethane		
Tubing O.D.	$\varnothing 4, \varnothing 6, \varnothing 8, \varnothing 10, \varnothing 12$		

Model

Model	Porting		Number of port A	Port B Port size	Port A port size		
	Port A	Port B			$\varnothing 4$	$\varnothing 6$	$\varnothing 8$
KM11	One-touch fitting	One-touch fitting	6, 10	$\varnothing 8$	●		
				$\varnothing 10$		●	
				$\varnothing 12$			●
KM12	One-touch fitting	Rc female thread	6, 10	Rc1/4	●	●	
				Rc3/8			●
KM13	One-touch fitting	One-touch fitting	3	$\varnothing 6$	●		
				$\varnothing 8$	●	●	
				$\varnothing 10$		●	●
KM14	One-touch fitting	One-touch fitting R male thread	3	$\varnothing 6, R1/8$	●		
				$\varnothing 6, R1/4$	●		
				$\varnothing 6, R3/8$	●		
				$\varnothing 8, R1/8$	●	●	
				$\varnothing 8, R1/4$	●	●	
				$\varnothing 8, R3/8$	●	●	
				$\varnothing 10, R1/4$		●	●
				$\varnothing 10, R3/8$		●	●
KM15	One-touch fitting	One-touch fitting rod	3	$\varnothing 10, R1/2$		●	●
				$\varnothing 6$	●		
				$\varnothing 8$	●	●	
KM16	One-touch fitting	One-touch fitting	3	$\varnothing 10$		●	●
				$\varnothing 4$	●		
				$\varnothing 6$	●	●	

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
	10	6	KM11-06-10-6
		10	-10
	12	6	KM11-08-12-6
		10	-10

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
	8	R3/8	3	-03S-3
		R1/8	3	KM14-04-08-01S-3
	10	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
	10	R3/8	3	-03S-3
		R1/2	3	-04S-3
	10	R1/4	3	KM14-08-10-02S-3
		R3/8	3	-03S-3
8	10	R1/2	3	-04S-3

KM12


Applicable tubing O.D. mm	Connecting thread	Number of port A	Model
4	Rc1/4	6	KM12-04-02-6
		10	-10
	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	-08-3
	8	3	KM13-06-08-3
		10	-10-3
	10	3	KM13-08-10-3
		10	-10-3

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	3	-08-3
	8	8	3	KM15-06-08-3
		10	3	-10-3
6	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
	6	3	KM16-04-06-3
	6	3	KM16-06-06-3