

Series CJ2

Operating Range

Auto switch model		Bore size [mm]		
		6	10	16
Band mounting	D-M9□/M9□V D-M9□W/M9□WV D-M9□A/M9□AV	2	2.5	3
	D-A9□	4.5	6	7
	D-H7□/H7□W D-H7BA/H7NF	3	4	4
	D-H7C	5	8	9
	D-C7□/C80/C73C/C80C	6	7	7
	Rail mounting	D-M9□/M9□V D-M9□W/M9□WV D-M9□A/M9□AV	—	3
D-A9□/A9□V		—	6	6.5
D-F7□/J79/F7□W/J79W D-F7□V/F7□WV/F79F D-J79C/F7BA/F7BAV D-F7NT		—	5	5
D-A7□/A80/A7H/A80H D-A73C/A80C		—	8	9
D-A79W		—	11	13

*: Values which include hysteresis are for guideline purposes only, they are not a guarantee (assuming approximately ±30% dispersion) and may change substantially depending on the ambient environment.

Auto Switch Mounting Brackets/Part No.

Auto switch mounting	Auto switch model	Bore size [mm]		
		6	10	16
Band mounting	D-M9□ D-M9□V D-M9□W D-M9□WV D-A9□ D-A9□V	BJ6-006 (A set of a, b, d, f)	BJ6-010 (A set of a, b, c, d)	BJ6-016 (A set of a, b, c, d)
	D-M9□A ^{*2} D-M9□AV ^{*2}	BJ6-006S (A set of a, b, d, g)	BJ6-010S (A set of a, b, d, e)	BJ6-016S (A set of a, b, d, e)
Band mounting	<ul style="list-style-type: none"> Switch bracket (Resin) c Transparent (Nylon)^{*1} f Transparent blue (Nylon)^{*1} e White (PBT) g Black (PBT) 			
Band mounting	D-H7□/H7□W D-H7BA/H7NF D-C7□/C80 D-C73C/C80C	BJ2-006 (A set of band and screw)	BJ2-010 (A set of band and screw)	BJ2-016 (A set of band and screw)
Rail mounting ^{*4}	D-M9□ D-M9□V D-M9□W D-M9□WV D-M9□A ^{*4} D-M9□AV ^{*4} D-A9□ D-A9□V		BQ2-012 (S) (A set of a and b)	BQ2-012 (S) (A set of a and b)

*1: Since the switch bracket (made from nylon) are affected in an environment where alcohol, chloroform, methylamines, hydrochloric acid or sulfuric acid is splashed over, so it cannot be used. Please contact SMC regarding other chemicals.

*2: As the indicator LED is projected from the auto switch unit, indicator LED may be damaged if the switch bracket is fixed on the indicator LED.

*3: When the cylinder is shipped, the auto switch mounting bracket and the auto switch will be included.

*4: For D-M9□A(V), order the BQ2-012S, which uses stainless steel mounting screws.

Band Mounting Brackets Set Part No.

Set part no.	Contents	Bore size [mm]		
		6	10	16
BJ2-□□□	• Auto switch mounting band (a) • Auto switch mounting screw (b)	BJ2-006	BJ2-010	BJ2-016
BJ4-1	• Switch bracket (White/PBT) (e) • Switch holder (d)	—	●	●
BJ4-2	• Switch bracket (Black/PBT) (g) • Switch holder (d)	●	—	—
BJ5-1	• Switch bracket (Transparent/Nylon) (c) ^{*1} • Switch holder (d)	—	●	●
BJ5-2	• Switch bracket (Transparent blue/Nylon) (f) ^{*1} • Switch holder (d)	●	—	—

[Stainless Steel Mounting Screw]

The following stainless steel mounting screw kit is available. Use it in accordance with the operating environment. (Since the auto switch mounting bracket is not included, order it separately.)

BBA4: For D-C7/C8/H7 types

*5: Refer to the **WEB catalog** or the Best Pneumatics No. 2 for details on the BBA4.

When the D-H7BA type auto switch is shipped independently, the BBA4 is attached.

C85/C75 Series

Auto Switch Mounting Bracket/Set Part Nos.

Auto switch mounting	Auto switch model	C85 Series						C75 Series	
		Bore size [mm]							
		ø8	ø10	ø12	ø16	ø20	ø25	ø32	ø40
Band mounting	D-M9□(V) D-M9□W(V) D-A9□(V)*7	BJ6-008 (A set of a, b, c, d)	BJ6-010 (A set of a, b, c, d)	BJ6-012 (A set of a, b, c, d)	BJ6-016 (A set of a, b, c, d)	BM5-020 (A set of a, b, c, d)	BM5-025 (A set of a, b, c, d)	BM5-032 (A set of a, b, c, d)	BM5-040 (A set of a, b, c, d)
	D-M9□A(V)	BJ6-008S (A set of a, b, c, e) (Screw: Stainless steel)	BJ6-010S (A set of a, b, c, e) (Screw: Stainless steel)	BJ6-012S (A set of a, b, c, e) (Screw: Stainless steel)	BJ6-016S (A set of a, b, c, e) (Screw: Stainless steel)	BM5-020S (A set of a, b, c, e) (Screw: Stainless steel)	BM5-025S (A set of a, b, c, e) (Screw: Stainless steel)	BM5-032S (A set of a, b, c, e) (Screw: Stainless steel)	BM5-040S (A set of a, b, c, e) (Screw: Stainless steel)
Rail mounting	D-C7□/C80 D-C73C/C80C D-H7□/H7□W D-H7BA/H7NF	BJ2-008 (A set of a and b)	BJ2-010 (A set of a and b)	BJ2-012 (A set of a and b)	BJ2-016 (A set of a and b)	BM2-020A (A set of a and b)	BM2-025A (A set of a and b)	BM2-032A (A set of a and b)	BM2-040A (A set of a and b)
	D-M9□(V)*8 D-M9□W(V)*8 D-M9□A(V)*8 D-A9□(V)*7	BQ2-012 (S) (A set of f and g)							

- *1 Since the switch bracket for band mounting (made from nylon) are affected in an environment where alcohol, chloroform, methylamines, hydrochloric acid or sulfuric acid is splashed over, so it cannot be used. Please contact SMC regarding other chemicals.
- *2 In the case of band mounting auto switches, make sure the indicator LED is not directly below switch mounting bracket when mounted as the protruding LED may be damaged.
- *3 For band mounting, switch brackets are mounted on the cylinder when small switches are specified. (switches are not mounted, but packaged together).
- *4 For band mounting, when specifying the switches other than the small switches, auto switch(s) are mounted on the cylinder.
- *5 For rail mounting, the auto switches and auto switch mounting brackets are packed together (not assembled).
- *6 For rail mounting, when D-M9□A(V) is ordered separately, select the stainless steel mounting screw set BQ2-012S.
- *7 When mounting a band and/or a rail on bore size ø8, ø10 or ø12 cylinder, D-A9□(V) type cannot be mounted.
- *8 When mounting a rail on bore size ø20 or ø25 cylinder, D-M9□(V), M9□W(V) and M9□A(V) types cannot be mounted.

Auto Switch Mounting Bracket/Single Unit Part Nos.

Auto switch model	C85 Series						C75 Series		Parts lineup
	ø8	ø10	ø12	ø16	ø20	ø25	ø32	ø40	
D-M9□(V) D-M9□W(V) D-A9□(V)	BJ2-008	BJ2-010	BJ2-012	BJ2-016	BM2-020A	BM2-025A	BM2-032A	BM2-040A	· Auto switch mounting band (a) · Auto switch mounting screw (b)
	BJ5-2	BJ5-1							· Switch holder (c) · Switch bracket (d)
D-M9□A(V)	BJ2-008S	BJ2-010S	BJ2-012S	BJ2-016S	BM2-020AS	BM2-025AS	BM2-032AS	BM2-040AS	· Auto switch mounting band (a) · Auto switch mounting screw (b)
	BJ4-2	BJ4-1							· Switch holder (c) · Switch bracket (e)

[Stainless Steel Mounting Screw]

The following stainless steel mounting screw kit is available. Use it in accordance with the operating environment. (Since the auto switch mounting bracket is not included, order it separately.)

BBA4: For D-C7/C8/H7 types

- * Refer to the **Web Catalog** or Best Pneumatics No. 2-1 for details on the BBA4.
- When the D-H7BA type auto switch is shipped independently, the BBA4 is attached.

Other than the applicable auto switches listed in "How to Order", the following auto switches are mountable.

Refer to Best Pneumatics No. 2-1 for the detailed specifications.

Type	Model	Electrical entry	Features	Mounting	Applicable bore size
Reed	D-C73, C76	Grommet (In-line)	—	Band	ø8 to ø25
	D-C80		Without indicator light		
Solid state	D-H7A1, H7A2, H7B	Grommet (In-line)	—	Band	ø8 to ø25
	D-H7NW, H7PW, H7BW		Diagnostic indication (2-color indicator)		

- * Normally closed (NC = b contact) solid state auto switches (D-F9G/F9H) are also available. For details, refer to Best Pneumatics No. 2-1.
- * With pre-wired connector is also available for solid state switches. For details, refer to Best Pneumatics No. 2-1.