

# Compact Cylinder/series CQ2 With Auto Switch 5

## 4 Auto Switch Mounting Bracket: Part No.

Applicable cylinder series: CDQ2, CDQ2W, CDQ2□□□-□S/□T (Single acting), CDQ2K, CDQ2KW (Non-rotating), CDQP2, CDQP2□□□-□S/□T (Axial piping), CDQ2 (Long stroke), CDQ2□S (Anti-lateral load), CDBQ2 (End lock), CDQ2□R/□V (Water resistant)

Auto switch mounting surface	Bore size (mm)		
	ø12, ø16, ø20, ø25	ø32, ø40, ø50	ø63, ø80, ø100
Auto switch model	Auto switch mounting surface	Auto switch mounting surface	Auto switch mounting surface
	Auto switch mounting rail only	Port side	Port, A, B, C
	① BQ-1 ② BQ2-012 Two kinds of auto switch bracket are used as a set. 	Auto switch mounting brackets are not required. ① BQ-2 ② BQ2-012 Two kinds of auto switch bracket are used as a set. 	Auto switch mounting brackets are not required. <sup>(3)</sup>

Note 1) When a compact auto switch is mounted on the three sides (A, B and C above) other than the port side of CDQ2□32 to 50, auto switch mounting brackets shown above are required. Order them separately from cylinders.  
(The above is also applicable when a compact auto switch is mounted using an auto switch mounting rail, but not using a compact auto switch installation groove for CDQ2□63 to 100.)

Order example  
 CDQ2B32-100DM-M9BW.....1  
 BQ-2.....2 pcs.  
 BQ2-012.....2 pcs.

Note 2) When shipping cylinders, auto switch mounting brackets and auto switches are shipped together.

Note 3) Be sure to use BQ-2 or BQ2-012 when mounting ø63, ø80 or ø100 of the CDQP2 series.

Auto switch model	Bore size (mm)		
	ø12 to ø25	ø32	ø40 to ø100
D-A7□/A80 D-A73C/A80C D-A7□H/A80H D-A79W D-F7□/J79 D-F7□V D-J79C D-F7□W/J79W D-F7□WV D-F7BAL/F7BAVL D-F79F/F7NTL	BQ-1		BQ-2
D-P4DWL	—		BQP1-050

Note 4) When shipping cylinders, auto switch mounting brackets and auto switches are shipped together.

However, when ø40 to ø100 of D-P4DWL type are mounted, the auto switch is assembled at the time of shipment.

### [Mounting screw set made of stainless steel]

The following set of mounting screws made of stainless steel is available. Use it in accordance with the operating environment. (Please order BQ-2 separately, since auto switch spacers (for BQ-2) are not included.)

BBA2: For D-A7/A8/F7/J7 types

The above stainless steel screws are used when a cylinder is shipped with D-F7BAL, F7BAVL-type auto switches.

When only an auto switch is shipped independently, BBA2 is attached.

Note 5) Refer to page 1361 for the details of BBA2.

Note 6) When D-M9□A(V)L is mounted on a port side other than ø32, ø40 or ø50, order auto switch mounting brackets BQ2-012S, BQ-2 or the stainless steel screw set BBA2 separately.

### Auto Switch Mounting Bracket Mass

Mounting bracket part No.	Applicable bore size	Mass (g)
BQ-1	ø12 to ø25	1.5
BQ-2	ø32 to ø100	1.5
BQ2-012	ø12 to ø25	5
BQP1-050	ø40 to ø100	16