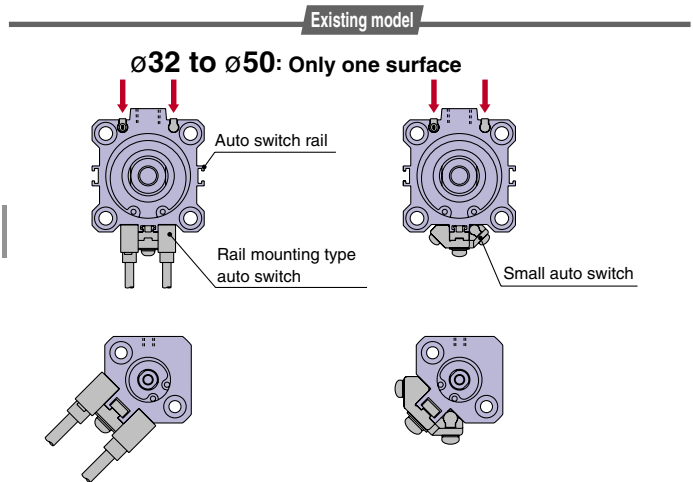
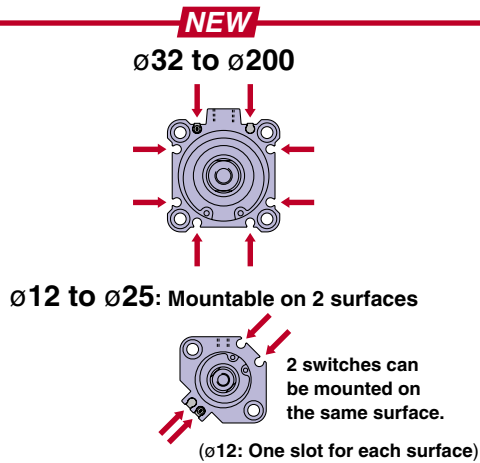




Compact Cylinder Series CQ2

Remodeled with a new body to get more flexibility!

■ Can mount small auto switches on 4 surfaces.

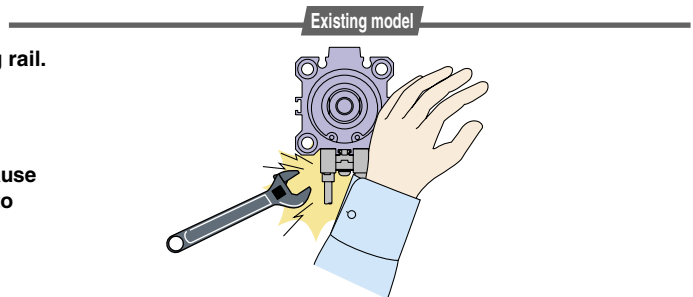


■ No protrusion of auto switch

- Prevention of damage to auto switch.
- Sleeves cannot get caught in the auto switch and its mounting rail.

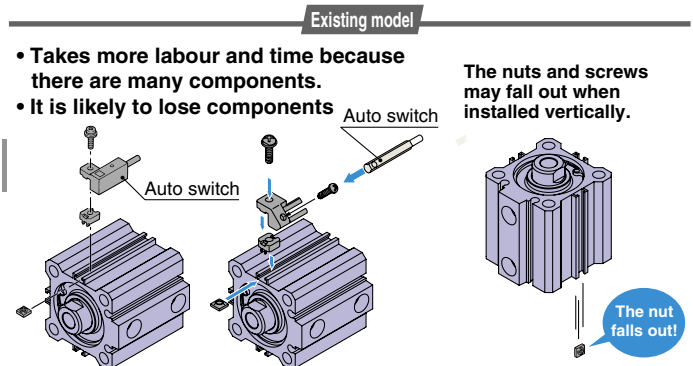
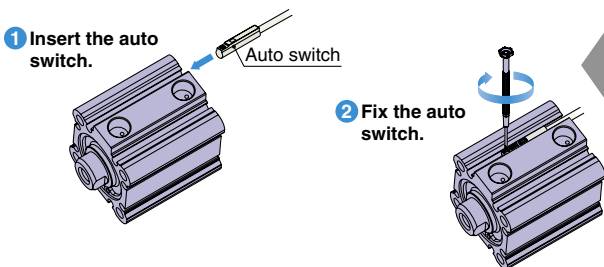
➔ Improved ease of work and safety

- Reduction in labour for design.
There is no need to check for interference with a machine, because the outer dimensions of the cylinder do not change when the auto switch is mounted.



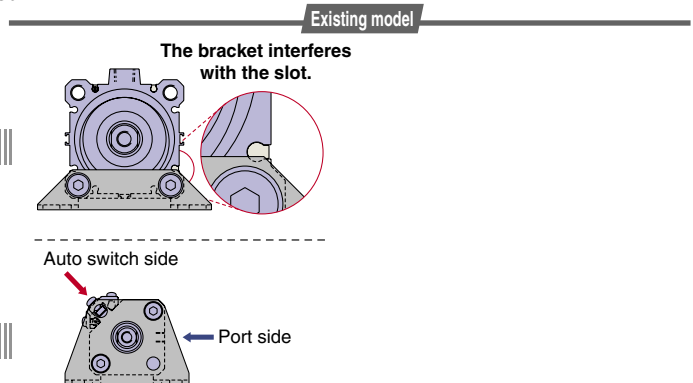
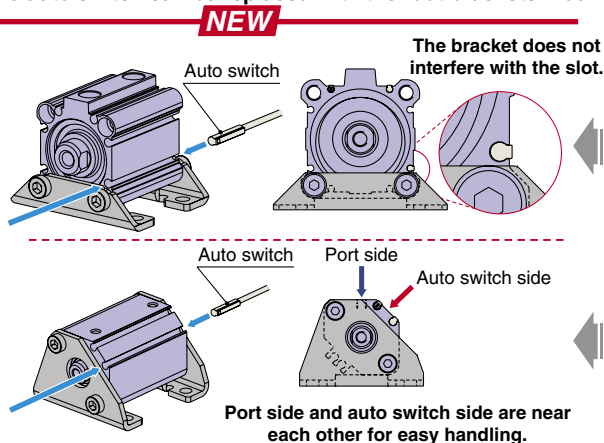
■ Reduction in labour for work

- NEW**
- Reduction in number of components
 - No loss of components



■ Reduction in labour for design


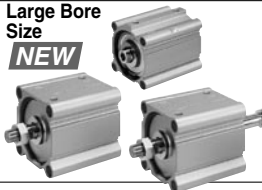


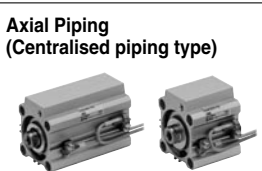





- The auto switch can be replaced with the foot brackets mounted.



■ Specifications, structure, overall length and mounting dimensions remain the same as the existing product

With a short overall length, the space-saving cylinder helps to make various jigs and equipment more compact.

Series Variations

Series	Action	Type	Bore size (mm)																Standard stroke (mm)		
			12	16	20	25	32	40	50	63	80	100	125	140	160	180	200				
Standard NEW 	Double acting	Single rod CQ2	●	●	●	●	●	●	●	●	●							ø12, ø16: 5 to 30 ø20, ø25: 5 to 50 ø32, ø40: 5 to 100 ø50 to ø100: 10 to 100			
		Double rod CQ2W	●	●	●	●	●	●	●	●	●	●							ø12, ø16: 5 to 30 ø20, ø25: 5 to 50 ø32, ø40: 5 to 100 ø50 to ø100: 10 to 100		
	Single acting	Spring return/ Spring extend CQ2	●	●	●	●	●	●	●										ø12 to ø40: 5, 10 ø50: 10, 20		
Large Bore Size NEW 	Double acting	Single rod CQ2														●	●	●	●	●	10 to 300
		Double rod CQ2W															●	●	●	●	●
Long Stroke NEW 	Double acting	Single rod CQ2							●	●	●	●	●	●							125 to 300
Non-rotating Rod NEW 	Double acting	Single rod CQ2K	●	●	●	●	●	●	●	●											ø12, ø16: 5 to 30 ø20, ø25: 5 to 50 ø32, ø40: 5 to 100 ø50, ø63: 10 to 100
		Double rod CQ2KW	●	●	●	●	●	●	●	●	●										
Axial Piping (Centralised piping type) 	Double acting	Single rod CQP2	●	●	●	●	●	●	●	●	●										ø12, ø16: 5 to 30 ø20, ø25: 5 to 50 ø32, ø40: 5 to 100 ø50 to ø100: 10 to 100
	Single acting	Spring return/ Spring extend CQP2	●	●	●	●	●	●	●												
Anti-lateral Load NEW 	Double acting	Single rod CQ2□S							●	●	●	●	●	●							ø32 to ø40: 5 to 100 ø50 to ø100: 10 to 100
With End Lock 	Double acting	Single rod CBQ2							●	●	●	●	●	●	●						ø20 to ø63: 10 to 100 ø80, ø100: 25 to 100
Water Resistant NEW 	Double acting	Single rod CQ2□V	●	●	●	●	●	●	●	●	●										ø20, ø25: 5 to 50 ø32, ø40: 5 to 100 ø50 to ø100: 10 to 100
Smooth Cylinder (Low friction) CQ2Y 	Refer to Best Pneumatics No. 3.															Refer to Best Pneumatics No. 3.					
Low-speed Cylinder CQ2X 	Refer to Best Pneumatics No. 3.															Refer to Best Pneumatics No. 3.					

Compact Cylinder: Standard Single/Double Acting, Single/Double Rod Series CQ2/CQ2W

ø12, ø16, ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100

How to Order

Without built-in magnet
ø12 to ø25

CQ2 B 20 - 30

Without built-in magnet
ø32 to ø100

CQ2 B 32 - 30 Z

With built-in magnet

CDQ2 B 32 - 30 Z

With built-in magnet

Type

—	Single rod
W	Double rod

Mounting

B	Through-hole (Standard)
A	Both ends tapped

* Cylinder mounting bolts are not included. Order them separately.

Type

—	Pneumatic
H	Air-hydro ^{Note 1, 2)}

Note 1) Bore sizes available for air-hydro type are ø20 to ø100.

Note 2) Option only available for double acting types.

Bore size

12	12 mm
16	16 mm
20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

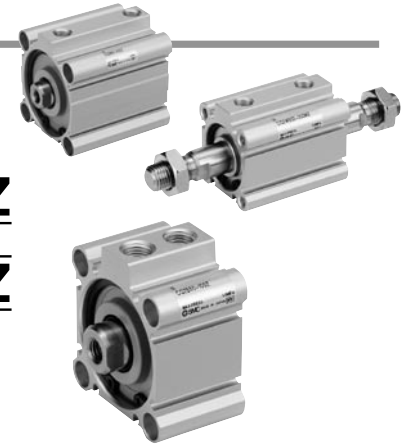
Port thread type

—	M thread	ø12 to ø25
	Rc	ø32 to ø100
TN	NPT	
TF	G	
F	Built-in one-touch fittings ^{Note 3)}	

Note 3) Bore sizes available with one-touch fittings are ø32 to ø63. Besides, it is not possible to use for air-hydro type.

Note 4) "TF" is not available for air-hydro type.

* For cylinders without auto switch, M threads are compatible only for ø32-5 mm stroke.



Auto switch mounting groove

Z	ø12 to ø25	2 surfaces
	ø32 to ø100	4 surfaces

Note 10) The made-to-order, heat resistant auto switch -XB14 is not applicable.

Body option

—	Standard (Rod end female thread)
F	With boss on head end ^{Note 7)}
C	With rubber bumper ^{Note 8, 9)}
M	Rod end male thread

* Combination of body options ("CM", "FC", "FM", "FCM") is available.

Note 7) Option only available for single rod types.

Note 8) Option only available for double acting types.

Note 9) Air-hydro type with rubber bumper is not available.

Action

D	Double acting ^{Note 5)}
S	Single acting, Spring return ^{Note 6)}
T	Single acting, Spring extend ^{Note 6)}

Note 5) Option for double acting types.

Note 6) Option only available for single acting types.

Cylinder stroke (mm)

Pneumatic type (Double Acting types)

Bore size	Standard stroke
12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50 to 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Air-hydro type (Double Acting types)

Bore size	Standard stroke
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50, 63, 80, 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Single Acting types

Bore size	Standard stroke
12, 16, 20, 25, 32, 40	5, 10
50	10, 20

Compact Cylinder: Large Bore Size Double Acting, Single/Double Rod Series **CQ2/CQ2W** ø125, ø140, ø160, ø180, ø200

How to Order

Without built-in magnet

CQ2 **B** **125** - **30** **DC** **Z**

With built-in magnet

CDQ2 **B** **125** - **30** **DC** **Z**

With built-in magnet ●

Type ●

—	Single rod
W	Double rod

Mounting ●

B Through-hole/Both ends tapped common (Standard)

* Cylinder mounting bolts are not included. Order them separately.

Bore size ●

125	125 mm
140	140 mm
160	160 mm
180	180 mm
200	200 mm

Port thread type ●

—	Rc
TN	NPT
TF	G

Cylinder stroke (mm)

Bore size (mm)	Standard stroke
125, 140, 160 180, 200	10, 20, 30, 40, 50, 75, 100, 125, 150, 175, 200, 250, 300

● Auto switch mounting groove

Z ø125 to ø200 4 surfaces

● Body option

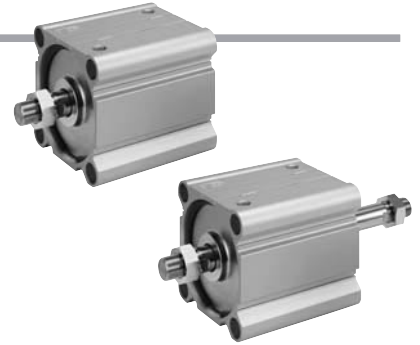
—	Standard (Rod end female thread)
M	Rod end male thread

● Cushion

C Rubber bumper

● Action

D Double acting



Compact Cylinder: Long Stroke Double Acting, Single Rod

Series CQ2

ø32, ø40, ø50, ø63, ø80, ø100

How to Order

Without built-in magnet

CQ2 A 32 [] - 200 DC [] Z

With built-in magnet

CDQ2 A 32 [] - 200 DC [] Z



With built-in magnet

Mounting

A	Both ends tapped
---	------------------

Bore size

32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

Port thread type

—	Rc
TN	NPT
TF	G
F	Built-in one-touch fittings <small>Note)</small>

Note) Bore sizes available with one-touch fittings are ø32 to ø63.

Auto switch mounting groove

Z	4 surfaces
---	------------

Body option

—	Standard (Rod end female thread)
M	Rod end male thread

Cushion

C	Rubber bumper
---	---------------

Action

D	Double acting
---	---------------

Cylinder stroke (mm)

Bore size	Standard stroke
32, 40, 50 63, 80, 100	125, 150, 175, 200, 250, 300

Compact Cylinder: Non-rotating Rod Double Acting, Single/Double Rod Series **CQ2K/CQ2KW** ø12, ø16, ø20, ø25, ø32, ø40, ø50, ø63

How to Order

Without built-in magnet
ø12 to ø25

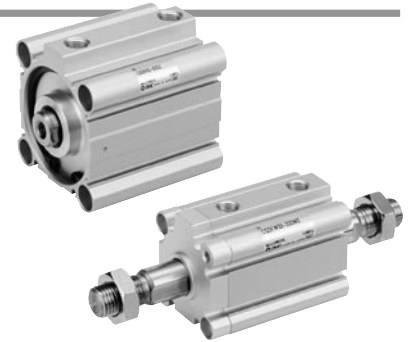
CQ2K □ **B** **20** □ - **30** **D** □

Without built-in magnet
ø32 to ø63

CQ2K □ **B** **32** □ - **30** **D** □ **Z**

With built-in magnet

CDQ2K □ **B** **32** □ - **30** **D** □ **Z**



With built-in magnet

Non-rotating rod

Type

—	Single rod
W	Double rod

Mounting

B	Through-hole (Standard)	ø12 to ø63
A	Both ends tapped	ø40, ø50, ø63

* Cylinder mounting bolts are not included. Order them separately.

Auto switch mounting groove

Z	ø12 to ø25	2 surfaces
	ø32 to ø63	4 surfaces

Body option

—	Standard (Rod end female thread)
F	With boss on head end ^{Note 3)}
C	With rubber bumper (ø12 with auto switch only)
M	Rod end male thread

* Combination of body options ("FM") is available.
Note 3) Option only available for single rod types.

Action

D	Double acting
----------	---------------

Bore size

12 ^{Note 1)}	12 mm	32	32 mm
16	16 mm	40	40 mm
20	20 mm	50	50 mm
25	25 mm	63	63 mm

Note 1) When ø12 with auto switch is required, the body option should be with rubber bumper (C).
Example) CDQ2KB12-30DCZ

Cylinder stroke (mm)

Bore size	Standard stroke
12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50, 63	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Port thread type

—	M thread	ø12 to ø25
	Rc	ø32 to ø63
TN	NPT	
TF	G	
F	Built-in one-touch fittings ^{Note 2)}	

Note 2) Bore sizes available with one-touch fittings are ø32 to ø63.

* For cylinders without auto switch, M threads are compatible only for ø32-5 mm stroke model.

Compact Cylinder: Anti-lateral Load

Series CQ2

ø32, ø40, ø50, ø63, ø80, ø100

How to Order

Without built-in magnet

CQ2 **B** **S** **32** - **30** **D** **C** **Z**

With built-in magnet

CDQ2 **B** **S** **32** - **30** **D** **C** **Z**

With built-in magnet

Mounting

B	Through-hole (Standard)
A	Both ends tapped

* Cylinder mounting bolts are not included. Order them separately.

Type

S	Anti-lateral load
----------	-------------------

Bore size

32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

Port thread type

—	Rc
TN	NPT
TF	G

Cylinder stroke (mm)

Bore size	Standard stroke
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50, 63, 80, 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Auto switch mounting groove

Z	4 surfaces
----------	------------

Body option 2

—	Standard (Rod end female thread)
M	Rod end male thread

Cushion

C	Rubber bumper
----------	---------------

Body option 1

—	Standard
F	With boss on head end

Action

D	Double acting
----------	---------------



Compact Cylinder: Water Resistant Double Acting, Single Rod Series CQ2

ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100

How to Order

Without built-in magnet
ø20, ø25

CQ2 B 20 □ R - 30 D □

Without built-in magnet
ø32 to ø100

CQ2 B 32 □ R - 30 D □ Z

With built-in magnet

CDQ2 B 32 □ R - 30 D □ Z



With built-in magnet

Mounting

B	Through-hole (Standard)	(ø20 to ø100)
A	Both ends tapped	(ø40 to ø100)

* Cylinder mounting bolts are not included. Order them separately.

Auto switch mounting groove

Z	ø20 to ø25	2 surfaces
	ø32 to ø100	4 surfaces

Bore size

20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

Body option

—	Standard (Rod end female thread)
M	Rod end male thread

Action

D	Double acting
----------	---------------

Port thread type

—	M thread
	Rc
TN	NPT
TF	G

Cylinder stroke (mm)

Bore size	Standard stroke
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50, 63, 80, 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Water resistant cylinder

R	NBR seal (Nitrile rubber)
V	FKM seal (Fluororubber)

Series CQ2

Specifications

Pneumatic type

Bore size (mm)		12	16	20	25	32	40	50	63	80	100	125	140	160	180	200	
Fluid		Air															
Proof pressure		1.5 MPa													1.05 MPa		
Maximum operating pressure		1.0 MPa													0.7 MPa		
Minimum operating pressure	Double acting type	0.07 MPa			0.05 MPa												
	Single acting type	0.25 MPa		0.18 MPa		0.17 MPa		0.15 MPa		0.13 MPa		—					
Ambient and fluid temperature		Without auto switch: -10 to 70°C (No freezing) With auto switch: -10 to 60°C (No freezing)															
Lubrication		Not required (Non-lube)															
Piston speed		50 to 500 mm/s												20 to 400 mm/s			
Allowable kinetic energy (J)	Standard	0.022	0.038	0.055	0.09	0.15	0.26	0.46	0.77	1.36	2.27	—					
	With rubber bumper	0.043	0.075	0.11	0.18	0.29	0.52	0.91	1.54	2.71	4.54	7.4	9.8	12.4			
Stroke length tolerance												+1.0 mm (Note) 0		+1.4 mm (Note) 0			

Note) Stroke length tolerance does not include the amount of bumper change.

With rubber bumper type is standard form ø25 to ø200 bore.

Air-hydro type

Bore size (mm)		20	25	32	40	50	63	80	100
Fluid		Turbine oil (Note)							
Proof pressure		1.5 MPa							
Maximum operating pressure		1.0 MPa							
Minimum operating pressure		0.18 MPa			0.1 MPa				
Ambient and fluid temperature		5 to 60°C							
Piston speed		5 to 50 mm/s							
Cushion		None							
Stroke length tolerance		+1.0 mm (Note) 0							

Note) Refer to "Handling Precautions for SMC Products" (M-E03-3) for Actuator Precautions (5).

Mounting Brackets/Part No.

Standard (Note 4)

Bore size (mm)		Model	Foot (Note 1)	Flange	Double clevis (Note 3)
12	Without switch	CQ2□□-□D	CQ-L012	CQ-F012	CQ-D012
	With switch	CQ2□□-□DZ	CQ-LZ12		
16	Without switch	CQ2□□-□D	CQ-L016	CQ-F016	CQ-D016
	With switch	CQ2□□-□DZ	CQ-LZ16		
20	Without switch	CQ2□□-□D	CQ-L020	CQ-F020	CQ-D020
	With switch	CQ2□□-□DZ	CQ-LZ20		
25	Without switch	CQ2□□-□D	CQ-L025	CQ-F025	CQ-D025
	With switch	CQ2□□-□DZ	CQ-LZ25		
32		CQ2□□-□DZ	CQ-L032	CQ-F032	CQ-D032
40		CQ2□□-□DZ	CQ-L040	CQ-F040	CQ-D040
50		CQ2□□-□DZ	CQ-L050	CQ-F050	CQ-D050
63 (Note 2)		CQ2□□-□DZ	CQ-L063	CQ-F063	CQ-D063
80 (Note 2)		CQ2□□-□DZ	CQ-L080	CQ-F080	CQ-D080
100 (Note 2)		CQ2□□-□DZ	CQ-L100	CQ-F100	CQ-D100

Note 1) When ordering a foot bracket, the required quantity will be different depending on the bore size.
 ø12 to ø25:

- Without switch: Order 2 pieces per cylinder.
- With switch: Order 1 piece per cylinder.

 (Part number for a set of 2 foot brackets)
 ø32 to ø100:

- Order 2 pieces per cylinder.

Note 2) Not applicable to single acting types.

Note 3) Not applicable to double acting, double rod types.

Note 4) Parts belonging to each bracket are as follows.

Foot or Flange: Body mounting bolts
 Double clevis: Clevis pin, Type C retaining rings for axis,
 Body mounting bolts

Note 5) Clevis pin and retaining rings are included with double clevis.

Note 6) When ordering a foot bracket, order 2 pieces per cylinder.

Note 7) Only applicable to CQ2 with end lock types.

Note 8) Not applicable to non-rotating single rod type and water resistant type.

Note 9) Not applicable to non-rotating single rod type.


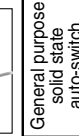
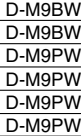
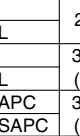
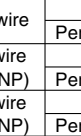
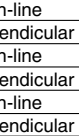

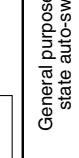
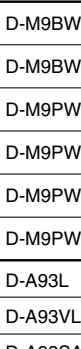
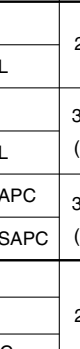
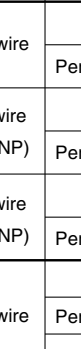
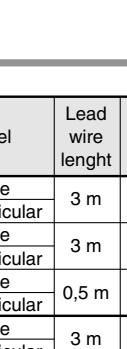
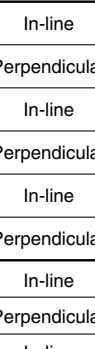
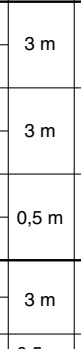
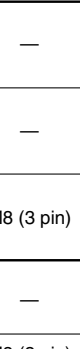
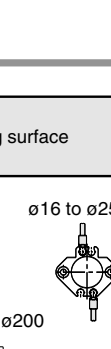
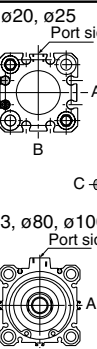

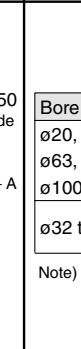
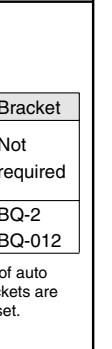
Long stroke; Non-rotating single rod; Antilateral load; Water resistant; With end lock (Note 5)

Bore size (mm)	Foot (Note 6)	Flange	Double clevis (Note 4)
20 (Note 7)	CQS-L020	CQS-F020	CQS-D020
25 (Note 7)	CQS-L025	CQS-F025	CQS-D025
32 (Note 8)	CQ-L032	CQ-F032	CQ-D032
40	CQ-L040	CQ-F040	CQ-D040
50	CQ-L050	CQ-F050	CQ-D050
63	CQ-L063	CQ-F063	CQ-D063
80 (Note 9)	CQ-L080	CQ-F080	CQ-D080
100 (Note 9)	CQ-L100	CQ-F100	CQ-D100

Non-rotating, double rod

Bore size (mm)	Foot (Note 6)	Flange
40	CQ-L040	CQ-F040
50	CQ-L050	CQ-F050
63	CQ-L063	CQ-F063

Auto-switches

Applicable CQ2 cylinder		Part number	Wiring output	Model	Lead wire length	Pre-wired connector	Mounting surface	Mounting bracket										
Standard  NEW Large Bore Size  NEW Long Stroke  NEW Non-rotating Rod  NEW Water Resistant  NEW Anti-lateral Load  NEW	General purpose solid state auto-switch	D-M9BWL	2 wire	In-line	3 m	—		Not required										
		D-M9BWVL		Perpendicular														
		D-M9PWL	3 wire (PNP)	In-line	3 m													
		D-M9PWVL		Perpendicular														
		D-M9PWSAPC	3 wire (PNP)	In-line	0,5 m				M8 (3 pin)									
	D-M9PWVSAPC	Perpendicular																
	Water resistant solid state auto-switch	D-M9BAL	2 wire	In-line	3 m	—												
		D-M9BAVL		Perpendicular														
		D-M9PAL	3 wire (PNP)	In-line	3 m				M8 (3 pin)									
		D-M9PASAPC			0,5 m													
	General purpose reed auto-switch	D-A93L	2 wire	In-line	3 m	—												
		D-A93VL		Perpendicular														
		D-A93SAPC	In-line	0,5 m	M8 (3 pin)													
	General purpose reed auto-switch	D-A73L	2 wire	Perpendicular	3 m	—			<table border="1"> <thead> <tr> <th>Bore size</th> <th>Bracket</th> </tr> </thead> <tbody> <tr> <td>ø12 to ø25</td> <td>BQ4-012</td> </tr> <tr> <td>ø32 to ø160</td> <td>BQ5-032</td> </tr> </tbody> </table>	Bore size	Bracket	ø12 to ø25	BQ4-012	ø32 to ø160	BQ5-032			
		Bore size			Bracket													
ø12 to ø25	BQ4-012																	
ø32 to ø160	BQ5-032																	
D-A73SAPC	0,5 m	M8 (3 pin)																
Magnetic field resistant auto-switch	D-P3DWL	3 wire (PNP)	In-line	3 m	—		BQ3-032S											
	D-P3DWSC			0,5 m				M8 (3 pin)										
Axial Piping (Centralised piping type) 	General purpose solid state auto-switch	D-M9BWL	2 wire	In-line	3 m	—		<table border="1"> <thead> <tr> <th>Bore size</th> <th>Bracket</th> </tr> </thead> <tbody> <tr> <td>ø12, ø16, ø20, ø25</td> <td>BQ-1</td> </tr> <tr> <td>ø20, ø25</td> <td>BQ-012</td> </tr> <tr> <td>ø32 to ø100</td> <td>BQ-2</td> </tr> <tr> <td>ø32 to ø100</td> <td>BQ-012</td> </tr> </tbody> </table> <p>Note) Two kinds of auto switch brackets are used as a set.</p>	Bore size	Bracket	ø12, ø16, ø20, ø25	BQ-1	ø20, ø25	BQ-012	ø32 to ø100	BQ-2	ø32 to ø100	BQ-012
		Bore size		Bracket														
		ø12, ø16, ø20, ø25	BQ-1															
		ø20, ø25	BQ-012															
		ø32 to ø100	BQ-2															
		ø32 to ø100	BQ-012															
	D-M9BWVL	Perpendicular																
	D-M9PWL	3 wire (PNP)	In-line	3 m														
	D-M9PWVL		Perpendicular															
	D-M9PWSAPC	3 wire (PNP)	In-line	0,5 m	M8 (3 pin)													
	D-M9PWVSAPC		Perpendicular															
	General purpose reed auto-switch	D-A93L	2 wire	In-line	3 m	—												
D-A93VL		Perpendicular																
D-A93SAPC		In-line	0,5 m	M8 (3 pin)														
General purpose reed auto-switch	D-A73L	2 wire	Perpendicular	3 m	—		<table border="1"> <thead> <tr> <th>Bore size</th> <th>Bracket</th> </tr> </thead> <tbody> <tr> <td>ø12, ø16, ø20, ø25</td> <td>BQ-1</td> </tr> <tr> <td>ø32 to ø100</td> <td>BQ-2</td> </tr> </tbody> </table>	Bore size	Bracket	ø12, ø16, ø20, ø25	BQ-1	ø32 to ø100	BQ-2					
	Bore size			Bracket														
ø12, ø16, ø20, ø25	BQ-1																	
ø32 to ø100	BQ-2																	
D-A73SAPC	0,5 m	M8 (3 pin)																
With End Lock 	General purpose solid state auto-switch	D-M9BWL	2 wire	In-line	3 m	—		<table border="1"> <thead> <tr> <th>Bore size</th> <th>Bracket</th> </tr> </thead> <tbody> <tr> <td>ø20, ø25, ø63, ø80, ø100</td> <td>Not required</td> </tr> <tr> <td>ø32 to ø50</td> <td>BQ-2</td> </tr> <tr> <td>ø32 to ø50</td> <td>BQ-012</td> </tr> </tbody> </table> <p>Note) Two kinds of auto switch brackets are used as a set.</p>	Bore size	Bracket	ø20, ø25, ø63, ø80, ø100	Not required	ø32 to ø50	BQ-2	ø32 to ø50	BQ-012		
		Bore size		Bracket														
		ø20, ø25, ø63, ø80, ø100	Not required															
		ø32 to ø50	BQ-2															
		ø32 to ø50	BQ-012															
	D-M9BWVL	Perpendicular																
	D-M9PWL	3 wire (PNP)	In-line	3 m														
	D-M9PWVL		Perpendicular															
	D-M9PWSAPC	3 wire (PNP)	In-line	0,5 m	M8 (3 pin)													
	D-M9PWVSAPC		Perpendicular															
General purpose reed auto-switch	D-A93L	2 wire	In-line	3 m	—													
	D-A93VL		Perpendicular															
	D-A93SAPC	In-line	0,5 m	M8 (3 pin)														
General purpose reed auto-switch	D-A73L	2 wire	Perpendicular	3 m	—		<table border="1"> <thead> <tr> <th>Bore size</th> <th>Bracket</th> </tr> </thead> <tbody> <tr> <td>ø32 to ø100</td> <td>BQ-2</td> </tr> </tbody> </table>	Bore size	Bracket	ø32 to ø100	BQ-2							
	Bore size			Bracket														
ø32 to ø100	BQ-2																	
D-A73SAPC	0,5 m	M8 (3 pin)																
-XB14 Made to Order Cylinder with Heat Resistant Auto Switch How to Order CQ2 [Standard model no.] - F7NJL - XB14 Cylinder with heat resistant auto switch. Note) The body shape is the same as the existing product. "Z" is not included in the model number.	Heat resistant solid state auto-switch	D-F7NJL	3-wire (NPN)	In-line	3 m	—		<table border="1"> <thead> <tr> <th>Bore size</th> <th>Bracket</th> </tr> </thead> <tbody> <tr> <td>ø16, ø20, ø25</td> <td>BQ-1</td> </tr> <tr> <td>ø32, ø40, ø50, ø63</td> <td>BQJ1-032</td> </tr> </tbody> </table>	Bore size	Bracket	ø16, ø20, ø25	BQ-1	ø32, ø40, ø50, ø63	BQJ1-032				
Bore size	Bracket																	
ø16, ø20, ø25	BQ-1																	
ø32, ø40, ø50, ø63	BQJ1-032																	

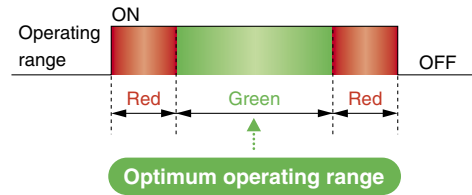
■ Small auto switch

- 2-colour indication solid state auto switch

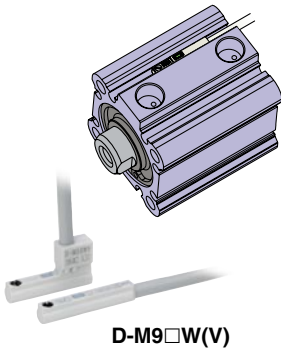
◎ Appropriate setting of the mounting position can be performed without mistakes.



A green light illuminates up at the optimum operating range.

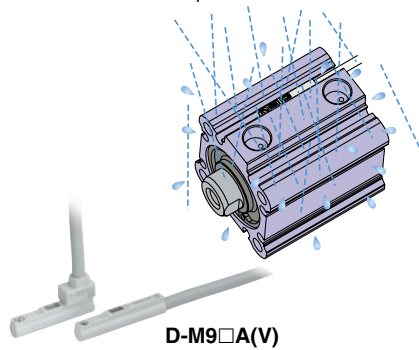


- For general environments



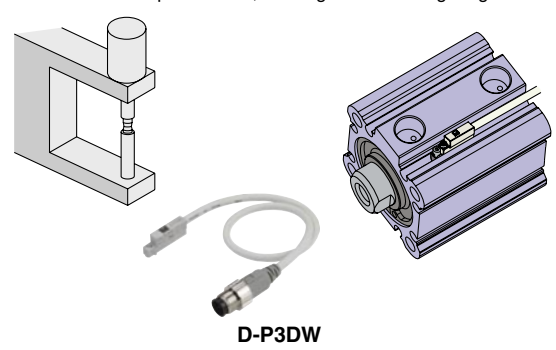
- Water resistant type

For environments exposed to water and coolant

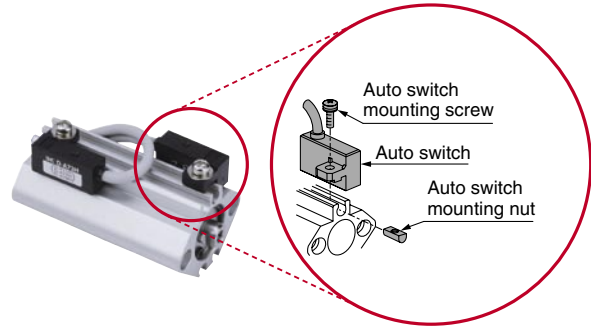
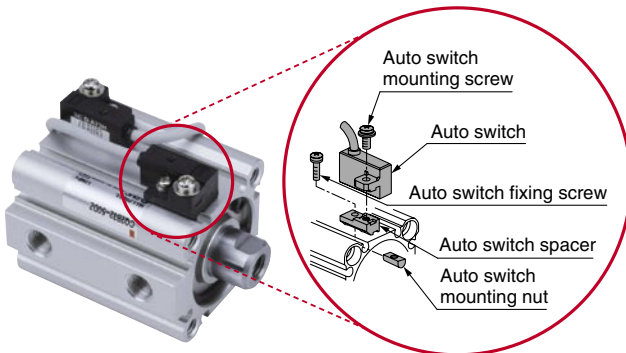


- Magnetic field resistant type

For use with AC spot welders, which generate strong magnetic field



■ The rail mounting type auto switch can be mounted



SMC Corporation (Europe)

Austria ☎+43 2262622800
Belgium ☎+32 (0)33551464
Bulgaria ☎+359 29744492
Croatia ☎+385 13776674
Czech Republic ☎+420 541424611
Denmark ☎+45 70252900
Estonia ☎+372 6510370
Finland ☎+358 207513513
France ☎+33 (0)164761000
Germany ☎+49 (0)61034020
Greece ☎+30 210 2717265
Hungary ☎+36 23511390
Ireland ☎+353 (0)14039000
Italy ☎+39 (0)292711
Latvia ☎+371 67817700

www.smc.at office@smc.at
 www.smc-pneumatics.be info@smc-pneumatics.be
 www.smc.bg office@smc.bg
 www.smc.hr office@smc.hr
 www.smc.cz office@smc.cz
 www.smc.dk smc@smcdk.com
 www.smc-pneumatics.ee smc@smc-pneumatics.ee
 www.smc.fi smc@smc.fi
 www.smc-france.fr contact@smc-france.fr
 www.smc-pneumatik.de info@smc-pneumatik.de
 www.smchellas.gr sales@smchellas.gr
 www.smc.hu office@smc.hu
 www.smc-pneumatics.ie sales@smc-pneumatics.ie
 www.smcitalia.it mailbox@smcitalia.it
 www.smc.lv info@smclv.lv

Lithuania ☎+370 5 2308118
Netherlands ☎+31 (0)205318888
Norway ☎+47 67129020
Poland ☎+48 222119600
Portugal ☎+351 226166570
Romania ☎+40 213205111
Russia ☎+7 8127185445
Slovakia ☎+421 413213212
Slovenia ☎+386 73885412
Spain ☎+34 945184100
Sweden ☎+46 (0)86031200
Switzerland ☎+41 (0)523963131
Turkey ☎+90 (0)2124440762
UK ☎+44 (0)845 121 5122

www.smc.lt info@smclt.lt
 www.smc-pneumatics.nl info@smc-pneumatics.nl
 www.smc-norge.no post@smc-norge.no
 www.smc.pl office@smc.pl
 www.smc.eu post@smc.smces.es
 www.smcromania.ro smcromania@smcromania.ro
 www.smc-pneumatik.ru info@smc-pneumatik.ru
 www.smc.sk office@smc.sk
 www.smc.si office@smc.si
 www.smc.es post@smc.smces.es
 www.smc.nu post@smc-pneumatics.se
 www.smc.ch info@smc.ch
 www.entek.com.tr smc@entek.com.tr
 www.smc-pneumatics.co.uk sales@smc-pneumatics.co.uk