

Compact Cylinder

Double Acting, Single Rod

JCQ Series

∅12, ∅16, ∅20, ∅25, ∅32, ∅40, ∅50, ∅63



How to Order

Without auto switch

JCQ 12 - 30

With auto switch

JCDQ 12 - 30 - M9BW

With auto switch
(Built-in magnet)

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

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	n pcs.

Auto switch

Nil	Without auto switch
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* For applicable auto switches, refer to the table below.

Cylinder stroke (mm)

Refer to "Standard Strokes" on page 756.

Applicable Auto Switches/Refer to pages 1575 to 1701 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model		Lead wire length [m]					Pre-wired connector	Applicable load				
					DC	AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)						
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	—	M9NV	M9N	●	●	○	—	○	Relay, PLC	IC circuit				
				3-wire (PNP)			M9PV	M9P	●	●	○	—	○						
				2-wire			M9BV	M9B	●	●	○	—	○			—			
				3-wire (NPN)			M9NWV	M9NW	●	●	○	—	○			—	○		
	Diagnostic indication (2-color indicator)			—	Grommet	Yes	3-wire (PNP)	24 V	—	M9PWV	M9PW	●	●		○	—	○	IC circuit	
							2-wire			M9BWW	M9BW	●	●		○	—	○		—
							3-wire (NPN)			M9NAV**	M9NA**	○	○		●	—	○		IC circuit
							3-wire (PNP)			M9PAV**	M9PA**	○	○		●	—	○		
Water resistant (2-color indicator)	—	Grommet	Yes	2-wire	24 V	—	M9BAV**	M9BA**	○	○	●	—	○	—					

** Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance. Please contact SMC regarding water resistant types with the above model numbers.

* Lead wire length symbols: 0.5 m.....Nil (Example) M9NV 1 m.....M (Example) M9NM 3 m.....L (Example) M9NL 5 m.....Z (Example) M9NZ

* Solid state auto switches marked with "*" are produced upon receipt of order.

* For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.
* Auto switches are shipped together, (but not assembled).

- CJ
- CU
- CQS
- JCQ
- CQ2
- RQ
- CQM
- CQU
- MU

- D-□
- X□
- Technical Data