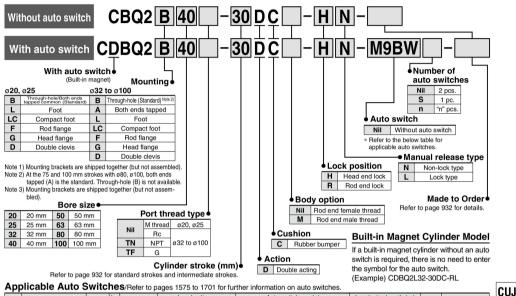
Compact Cylinder: With End Lock

CBQ2 Series

Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø80, Ø100

How to Order



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

Туре	Special function	Electrical entry	Indicator	Wiring (Output)	Load voltage			Auto switch model			Lead wire length (m)					Dec ordered			
					DC		AC	Perpendicular		In-line		0.5	1	3		None (N)	Pre-wired connector		
							AC	ø20, ø25	ø32 to ø100	ø20, ø25 ø32 ø40 to ø100		(Nil)	(M) (L)		(Z)				
		Grommet		3-wire (NPN)		5 V,		M9	NV	M9N M9P		•	•	•	0	-	0	10	
				3-wire (PNP)		12 V		M9	PV			•	•	•	0	_	0	IC circuit	
Solid state auto switch			r	2-wire				M9	BV	M9B		•	•	•	0	-	0		
		Connector						_	J79C		_	•	_	•	•	•	-	_	
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)		5 V,		M9N	1MA	M9NW M9PW M9BW		•	•	•	0	_	0	10 -11	PLC
				3-wire (PNP)	24 V	12 V		M9F	٧W٧			•	•	•	0	_	0	IC circuit	
			162	2-wire)	12 V		M9E	3WV			•	•	•	0	_	0	_	
	Water resistant (2-color indicator)			3-wire (NPN)		5 V,		M9N	AV*1	M9NA*1		0	0	•	0	-	0	10 -11	
			1	3-wire (PNP)		12 V		M9P	AV*1	M9PA*1 M9BA*1 — F79F		0	0	•	0	_	0	IC circuit	
				2-wire		12 V		M9B	AV*1			0	0	•	0	_	0	_	
	With diagnostic output (2-color indicator)			4-wire		5 V, 12 V		-	_			•	_	•	0	-	0	IC circuit]
	Magnetic field resistant (2-color indicator)			2-wire (Non-polar)		_		-	_	_	P4DW	_	_	•	•	-	0	_	
switch		Grommet	Yes	3-wire (NPN equivalent)	_	5 V	5 V —		6V	A96		•	_	•	_	_	_	IC circuit	_
				2-wire		_	200 V	_	A72	_	A72H	•	_	•	_	_	_		
0,0					24 V	12 V	100 V	A93V*2 A90V			193	0 0 0 0	•	-	-	7 -			
auto						5 V, 12 V	100 V or less			A90		•	-	•	_	-	_	IC circuit	Relay,
Reed		Connector	Yes			12 V	_	_	A73C		_	•	-	•	•	•	_	_	PLC
8			No			5 V, 12 V	24 V or less	_	A80C		_	•	-	•	•	•	_	IC circuit	
	Diagnostic indication (2-color indicator)	Grommet	Yes			_	_	_	A79W		_	•	_	•	_	_	_	_	1

- «1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance. Consult with SMC regarding water resistant types with the above model numbers.
- *2 1 m type lead wire is only applicable to D-A93.
- * Lead wire length symbols: 0.5 m Nil (Example) M9NW (Example) M9NWM 1 m M

None ······ N

- 3 m L (Example) M9NWL (Example) M9NWZ
- * Solid state auto switches marked with "O" are produced upon receipt of order.
- * The D-P4DW type is available from ø40 to ø100 only.
- * Only for the D-P4DW type, an auto switch is assembled and shipped with the cylinder.
- (Example) J79CN * There are other applicable auto switches other than the listed above. For details, refer to page 948.
- * For details about auto switches with pre-wired connector, refer to pages 1648 and 1649 ♦ When the D-A9□(V)/M9□(V)/M9□W(V)/M9□A(V) types with ø32 to ø50 are mounted on a surface other than the port side, order auto switch mounting brackets separately. Refer to page 947 for details.



D-

CU cas JCQ CO2 RQ COM CQU MU

-X□ Technical