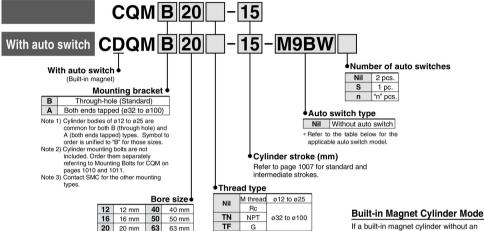
## Compact Cylinder: Guide Rod Type

## **CQM** Series

Ø12, Ø16, Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø80, Ø100

## How to Order



Note) M thread to be used for without auto switch type of ø32, 5 stroke exceptionally. There is no need to enter the symbol when ordering.

## Built-in Magnet Cylinder Model

auto switch is required, there is no need to enter the symbol for the auto switch. (Example) CDQMB32-10

100 Applicable Auto Switches

100 mm

25 mm 80 80 mm

32 mm

1.101			_		Load voltage			Auto switch model				Lead wire length (m)							
Туре	Special function	Electrical entry	Indicator light	Wiring (Output)	DC		۸۲	Perpend	dicular	In-line	0.5			5	Mana	Pre-wired connector			
				(Output)				ø12 to ø25	ø32 to ø100	ø12 to ø25 ø32 to ø100		(Nil)	(M)	(L) (.	(Z)	(N)	connector		
Solid state auto switch		Grommet		3-wire (NPN)		5 V,		M9N	٧V	M9N		•	• • • o –	0	IC circuit				
				3-wire (PNP)		12 V		M9F		M9P	•	•	•	0	_	0	ic circuit		
				2-wire		12 V		M9E		M9B —		•	•	•	0	_	0		_
		Connector						_	J79C			•	_	•	•	•	_		
	Diagnostic indication (2-color indicator)			3-wire (NPN)		5 V,		M9N	****	M9NW	•	•	•	0	_	0	IC circuit		
		Grommet	Yes	3-wire (PNP)		12 V		M9P		M9PW			0	TO GITOGIC	Relay,				
				2-wire		12 V		M9B		M9BW		•	•	•	0	_	0	_	]
	Water resistance (2-color indicator)			3-wire (NPN)		5 V,		M9NA		M9NA*1		0	0	•	0	-	0	IC circuit	
				3-wire (PNP)		12 V		M9PA		M9PA*1		0	0	•	0	_	0 10 0	TO GITOGIN	
				2-wire		12 V		M9BA	4V*1	M9BA*1		0	0	•	0	_	0	_	
	With diagnostic output (2-color indicator)			4-wire		5 V,12 V					79F	•	_	•	0	_	-	IC circuit	
	Magnetic field resistant (2-color indicator)			2-wire (Non-polar)		_		_	-	— P4DW**		_	_	•	•	_	0	_	
Reed auto switch		Grommet	No	3-wire (NPN equiv.)	_	5 V	_	A96	6V	A96		•	-	•	_	_	_	IC circuit	_
				2-wire		_	200 V		A72	- A72H	•	_	•	_	-	-	-		
					24 V	12 V	100 V	A93\	<b>V</b> *2	A93		•	•	•	•				-
						5 V,12 V	100 V or less	A90	V	A90		•	_	•	Ţ	-	- 1	IC circuit	
		Connector				12 V	_	_	A73C	_		•	Ţ	•	•	•	_	_	PLC
						5 V,12 V	24 V or less	_	A80C	_		•	_	•	•	•	_	IC circuit	
	With diagnostic output (2-color indicator)	Grommet	Yes	5		_	_	_	A79W	_		•	_	•	_	-	_		

- \*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 1 m----- M (Example) M9NWM 3 m······ L (Example) M9NWL 5 m····· Z (Example) M9NWZ None----- N (Example) J79CN
- \* Solid state auto switches marked with a "O" are produced upon receipt of order.
- \*\* D-P4DWL type is compatible with bore sizes ø40 to ø100.
- \* Only D-P4DW type is assembled when shipped.
- \* Besides the models in the above catalog, there are some other auto switches that are applicable. For more information, refer to page 1017.
- \* Refer to pages 1648 and 1649 for the details of auto switches with a pre-wired connector.
- \* When mounting D-A9 (V)/M9 (V)/M9 (V)/M9 (V)/M9 (A(V) types on a side other than the port side with ø32 to ø50 cylinders, order auto switch mounting brackets separately. Refer to page 1017 for details.