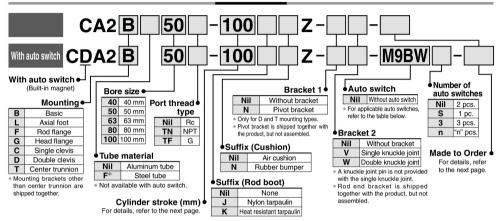
## Air Cylinder: Standard Type **Double Acting, Single Rod**

## CA2 Series Ø40. Ø50. Ø63. Ø80. Ø100



## How to Order



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

		Electrical entry	Indicator light	Wiring	Load voltage			Auto swit	Lead wire length (r			(m)	Des coins d			
Туре	Special function			(Output)	DC		AC	Tie-rod mounting	Band mounting	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Pre-wired connector	Applicable load	
Solid state auto switch	_	Grommet			24 V	5 V, 12 V	_	M9N	_	•	•	•	O	0	IC circuit	t Relay, PLC
				3-wire (NPN)				_	G59	•	-	•	0	0		
				3-wire (PNP)				M9P	_	•	•	•	0	0		
								_	G5P	•	_	•	0	0		
				2-wire		12 V		M9B	_	•	•	•	0	0		
								_	K59	•	-	•	0	0		
		Terminal conduit		3-wire (NPN)	24 V	12 V		G39C	G39	_	_	_	_	_		
				2-wire				K39C	K39		_	_	-	_		
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)		5 V, 12 V		M9NW	_	•	•	•	0	0		
								_	G59W	•	_	•	0			
ā				3-wire (PNP)				M9PW	_	•	•	•	0	0		
Solid state									G5PW	•	<u> </u>	•	0	0		
				2-wire		12 V		M9BW	_	•	•	•	0	0	_	
									K59W	•	<u> </u>	•	0	0		
	Water resistant (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NA*1	_	0	0	•	0	0		
				3-wire (PNP)				M9PA*1	_	0	0	•	0	0		
				2-wire		12 V		M9BA*1	_	0	0	•	0	0		
								_	G5BA*1	_	_	•	0	0		
	With diagnostic output (2-color indicator)			4-wire (NPN)		5 V, 12 V —		F59F	G59F	•	-	•	0	0	IC circuit	
	Magnetic field resistant			2-wire				P3DWA	_	•	_	•	•	0		
	(2-color indicator)			(Non-polar)				P4DW	-	_	_	•	•	0		
	_	Grommet	Yes No Yes No	3-wire (NPN equivalent)	_	5 V	-	A96	_	•	-	•	-	_	IC circuit	_
유					24 V	12 V	100 V	A93		•	•	•	•	_		
ķ							100 V or less	A90		•	<u> </u>	•	_		IC circuit	Relay, PLC
Reed auto switch							100 V, 200 V	A54	B54	•	<u> </u>	•	•	_		
							200 V or less	A64	B64	•	<u> </u>	•	-	_	1_	
		Terminal		0				A33C	A33		<u>  — </u>	_	-	_		DI O
		conduit	Yes				100 V, 200 V	A34C	A34		1-	_	-	_		PLC
Œ		DIN terminal					,	A44C	A44	_	1=	=	-	_	4	Relay,
	Diagnostic indication (2-color indicator)	Grommet				_	_	A59W	B59W	•	<b>—</b>	•	-	_		PLC

- \*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.
- A water-resistant type cylinder is recommended for use in an environment which requires water resistance. \* Lead wire length symbols: 0.5 m----- Nil (Example) M9NW \* Solid state auto switches marked with "O" are produced upon receipt of order.

  - 3 m
     L (Example) M9NWL

     3 m
     L (Example) M9NWL

     5 m
     Z (Example) M9NWZ
- \* Since there are other applicable auto switches than listed above, refer to page 523 for details. \* For details about auto switches with pre-wired connector, refer to pages 1648 and 1649
- \* The D-A9□/M9□□□/P3DWA□ auto switches are shipped together, (but not assembled). (However, auto switch mounting brackets are assembled for the D-A9□/ M9□□□ before shipment.)

