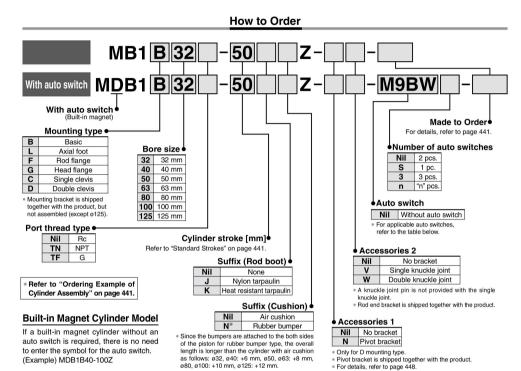
Square Tube Type Air Cylinder: Standard Type Double Acting, Single Rod

MB1 Series



Ø32, Ø40, Ø50, Ø63, Ø80, Ø100, Ø125



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

App	licable Auto Switc	:nes/Refe	r to	pages 1575 to	1701 fo	r further	information	on auto sw	itches.							
Туре	Special function	Electrical entry	Indicator light	Matter or	Load voltage			Auto switch model		Lead wire length [m]				Door continued		
				Wiring (Output)	DC		AC	Perpendicular	In-line	0.5	1 3	3	5	' I connector	Applicable load	
										(Nil)	(M)	(L)	(Z)			
Solid state auto switch	_	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V		M9NV	M9N	•	•	•	0	0	IC circuit	
				3-wire (PNP)				M9PV	M9P	•	•	•	0	0		
				2-wire		12V		M9BV	M9B	•	•	•	0	0	_	
	Diagnostic indication (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NWV	M9NW	•	•	•	0	0	IC circuit	
				3-wire (PNP)				M9PWV	M9PW	•	•	•	0	0	IC CIICUIL	
				2-wire		12 V		M9BWV	M9BW	•	•	•	0	0		FLC
	Water resistant (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NAV*1	M9NA*1	0	0	•	0	0	IC circuit	it
				3-wire (PNP)				M9PAV*1	M9PA*1	0	0	•	0	0		
				2-wire		12 V		M9BAV*1	M9BA*1	0	0	•	0	0	_	
Reed auto switch	_	Grommet	Yes	3-wire (NPN equivalent)	_	5 V	-	A96V	A96	•	-	•	-	-	IC circuit	-
				2-wire 24 V	24.1/	12 V	100 V	A93V*2	A93	•	•	•	•	_		Relay,
					12 V	100 V or less	A90V	A90	•	_	•	_	_	IC circuit	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.
- *2 1 m type lead wire is only applicable to the D-A93.
- * Lead wire length symbols: 0.5 m ······Nii (Example) M9NW
 - 1 m ······ M (Example) M9NWM
 - 3 m L (Example) M9NWL 5 m Z (Example) M9NWZ
- * Solid state auto switches marked with "O" are produced upon receipt of order.
- * Since there are other applicable auto switches than listed above, refer to page 461 for details.
- * For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.
- * Auto switches are shipped together, (but not assembled).

