

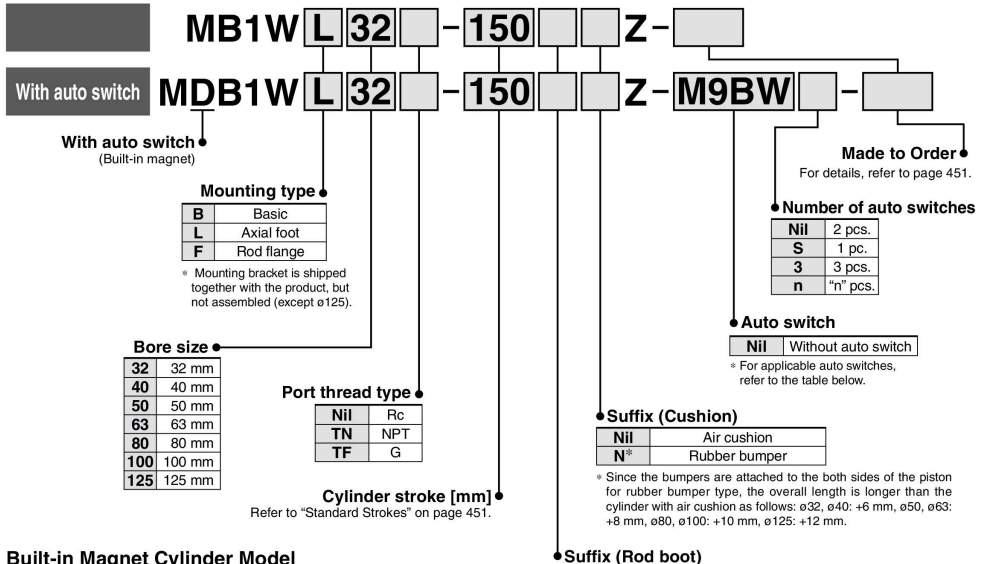
Square Tube Type Air Cylinder: Standard Type Double Acting, Double Rod

MB1W Series

RoHS

ø32, ø40, ø50, ø63, ø80, ø100, ø125

How to Order



Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) MDB1WB40-100Z

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)						
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC		
	3-wire (PNP)			M9PV				M9P	●	●	●	○	○					
	2-wire			M9BV				M9B	●	●	●	○	○					
	3-wire (NPN)			M9NVW				M9NW	●	●	●	○	○					
	3-wire (PNP)			M9PVW				M9PW	●	●	●	○	○					
	2-wire			M9BWV				M9BW	●	●	●	○	○					
	Water resistant (2-color indicator)			3-wire (NPN)	5 V, 12 V	M9NAV ^{*1}	M9NA ^{*1}	○	○	●	○	○	IC circuit					
				3-wire (PNP)		M9PAV ^{*1}	M9PA ^{*1}	○	○	●	○	○						
				2-wire		M9BAV ^{*1}	M9BA ^{*1}	○	○	●	○	○						
				—		—	—	—	—	—	—	—						
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	24 V	5 V	—	A96V	A96	●	—	●	—	—	IC circuit	—		
				No				2-wire	100 V	A93V ^{*2}	A93	●	●	●	—	—	—	Relay, PLC
								100 V or less	A90V	A90	●	—	●	—	—	—	IC circuit	
								—	—	—	—	—	—	—	—	—	—	—

*1 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.

*2 1 m type lead wire is only applicable to the 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) M9NWX

* Solid state auto switches marked with "○" 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).