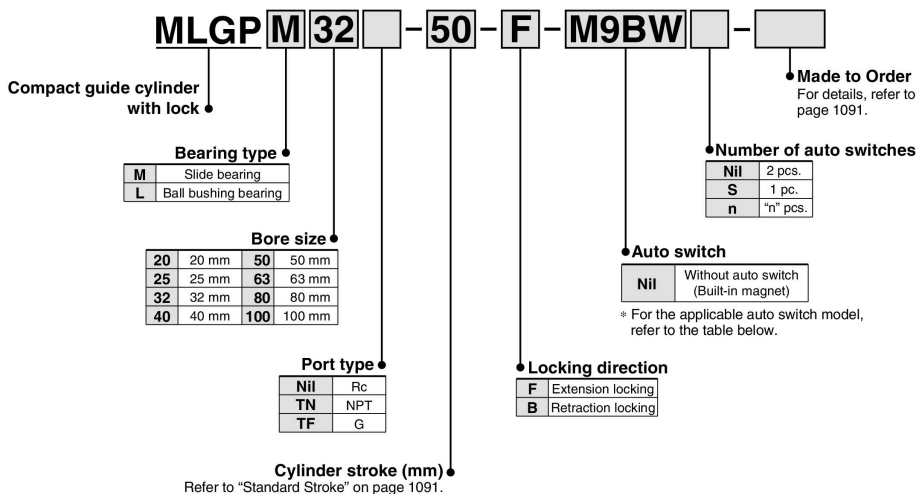


# Compact Guide Cylinder with Lock

## MLGP Series

∅20, ∅25, ∅32, ∅40, ∅50, ∅63, ∅80, ∅100

### How to Order



### Applicable Auto Switches

Refer to pages 1119 to 1245 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)	5 V, 12 V	—	M9NV	M9N	●	●	○	○	IC circuit	Relay, PLC		
				3-wire (PNP)			M9PV	M9P	●	●	○	○				
	2-wire			12 V	M9BV		M9B	●	●	○	○	—				
	3-wire (NPN)			5 V, 12 V	M9NWV		M9NW	●	●	○	○	IC circuit				
	3-wire (PNP)				M9PWW		M9PW	●	●	○	○	—				
	Water resistant (2-color indicator)			2-wire	12 V		M9BWW	M9BW	●	●	○	○			—	
				3-wire (NPN)	5 V, 12 V		M9NAV <sup>*1</sup>	M9NA <sup>*1</sup>	○	○	●	○			○	IC circuit
	Magnetic field resistant (2-color indicator)			3-wire (PNP)			5 V, 12 V	M9PAV <sup>*1</sup>	M9PA <sup>*1</sup>	○	○	●			○	○
				2-wire	12 V			M9BAV <sup>*1</sup>	M9BA <sup>*1</sup>	○	○	●			○	○
				2-wire	—		—	P3DWA <sup>**</sup>	●	—	●	●			○	—
(Non-polar)		—	—	P4DW		—	—	●	●	○	—					
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5 V	A96V	A96	●	●	—	—	IC circuit	—		
				2-wire	24 V	12 V	100V	A93V <sup>*2</sup>	A93	●	●	●	—	—	Relay, PLC	
					100V 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.

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) M9NV  
 1 m ..... M (Example) M9NWW  
 3 m ..... L (Example) M9NWL  
 5 m ..... Z (Example) M9NWWZ

\* Solid state auto switches marked with "○" are produced upon receipt of order.

\* D-P4DW can be mounted on the bore sizes ∅32 to ∅100.

\*\* D-P3DWA□ can be mounted on the bore sizes ∅25 to ∅100.

\* Since there are other applicable auto switches than listed, refer to page 1099 for details.

\* For details about auto switches with pre-wired connector, refer to pages 1192 and 1193.

\* Auto switches are shipped together (not assembled).