

Sine Cylinder

REC Series

ø20, ø25, ø32, ø40

How to Order

REC B 25 - 150 - M9BW - C

Sine cylinder → REC

Rod type → B

Mounting type → C

Bore size → 25

Cylinder stroke (mm) → 150

Port type → M9BW

Auto switch → C

Number of auto switches → C

B	Basic type	C	Single clevis type
L	Axial foot type	D	Double clevis type
F	Rod side flange type	U	Rod side trunnion type
G	Head side flange type	T	Head side trunnion type

20	20 mm
25	25 mm
32	32 mm
40	40 mm

Nil	Rc
TN	NPT
TF	G

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil	Without auto switch (Built-in magnet)
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* Select an applicable auto switch part number from the table below.

Auto switch mounting bracket ^(Note)

(Note) This symbol is indicated when the D-A9□ or M9□ type auto switch is specified. This mounting bracket does not apply to other auto switches (D-C7□ and H7□, etc.) (Nil)

Applicable Auto Switches

Refer to pages 947 to 1067 for further information on auto switches.

Type	Special function	Electrical entry	Indicator type	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)	None (N)				
Solid state auto switch	—	Grommet	No	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	○	IC circuit		
				3-wire (PNP)			M9PV	M9P	●	●	●	○	○				
		2-wire		M9BV			M9B	●	●	●	○	○					
				—			—	●	●	●	○	○					
	Connector	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NWV	M9NW	●	●	●	○	○	IC circuit		
				3-wire (PNP)				M9PWV	M9PW	●	●	●	○	○			
	Water resistant (2-color indicator)	Grommet	No	2-wire	12 V	—	—	M9BWW	M9BW	●	●	●	○	○	—		
				3-wire (NPN)				M9NAV*1	M9NA*1	○	○	○	○	○			
	3-wire (PNP)	Grommet	No	3-wire (PNP)	5 V, 12 V	—	—	M9PAV*1	M9PA*1	○	○	○	○	○	IC circuit		
				2-wire				M9BAV*1	M9BA*1	○	○	○	○	○			
With diagnostic output (2-color indicator)	Grommet	No	4-wire (NPN)	5 V, 12 V	—	—	—	—	●	●	●	○	○	IC circuit			
			—				—	●	●	●	○	○					
Reed auto switch	—	Grommet	No	2-wire	24 V	12 V	—	A96V	A96	●	●	●	○	○	IC circuit		
								A93V*2	A93	●	●	●	○	○			
								A90V	A90	●	●	●	○	○			
								—	B54	●	●	●	○	○			
								—	B64	●	●	●	○	○			
		Connector		Grommet	Yes	2-wire	24 V	12 V	—	—	C73C	●	●	●	○	○	IC circuit
										—	C80C	●	●	●	○	○	
										—	B59W	●	●	●	○	○	
										—	—	●	●	●	○	○	
										—	—	●	●	●	○	○	

*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. However, please contact SMC for water-resistant products of ø20 and ø25.

*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) H7CN

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

* Since there are other applicable auto switches than listed, refer to page 132 for details.
 * For details about auto switches with pre-wired connector, refer to pages 1014 and 1015.
 * D-A9□(V)/M9□(V)/M9□W(V), M9□A(V) auto switches are shipped together (not assembled).
 (Only auto switch mounting brackets are assembled before shipped.)