

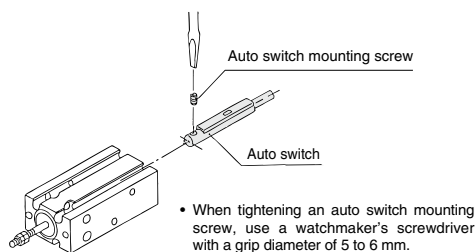
How to Mount and Move the Auto Switch

Mounting Bracket Direct Mounting Type

<Applicable auto switch>

Solid state D-M9N(V), M9P(V), M9B(V),
D-M9NW(V), M9PW(V), M9BW(V),
D-M9NA(V), M9PA(V), M9BA(V)
Reed D-A90(V), A93(V), A96(V)

How to Mount and Move the Auto Switch

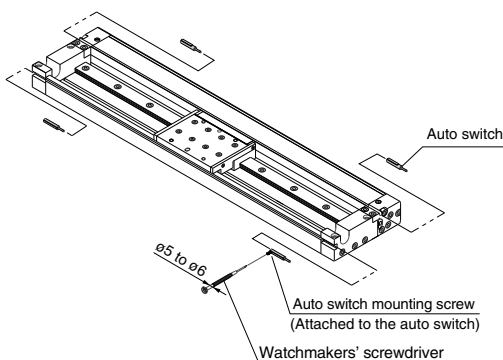


Auto Switch Mounting Screw Tightening Torque (N·m)

Auto switch model	Tightening torque
D-M9□(V) D-M9□W(V) D-A9□(V)	0.05 to 0.15
D-M9□A(V)	0.05 to 0.10

MY2 Series

When mounting auto switches, insert them into the cylinder's switch groove from the direction shown in the drawing. After setting in the mounting position, use a flat head watchmaker's screwdriver to tighten the provided set screw.

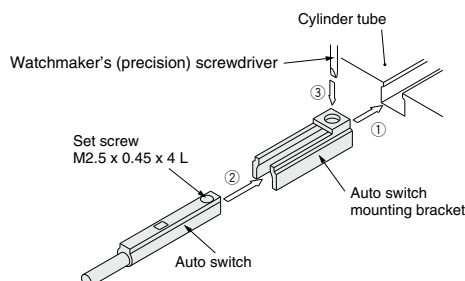


(Note) When tightening an auto switch mounting screw, use a watchmaker's screwdriver with a grip diameter of 5 to 6 mm. Refer to the table above for the tightening torque.

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Reed D-A90(V), A93(V), A96(V)

How to Mount and Move the Auto Switch



1. Insert the auto switch mounting bracket into the auto switch mounting groove to set it roughly to the auto switch mounting position.
2. Insert the auto switch into the attachment part of the auto switch mounting bracket.
3. After confirming the detecting position, secure the auto switch by tightening the set screw (M2.5) attached to the auto switch.
4. When changing the detecting position, carry out in the state of 2.

Note 1) When tightening a set screw (M2.5), use a watchmaker's screwdriver with a grip diameter of 5 to 6 mm. Also set the tightening torque to be 0.1 to 0.15 N·m.

Auto Switch Mounting Bracket Part No.

Cylinder series	Applicable bore size (mm)									
	12	16	20	25	32	40	50	63	80	100
MY1B	—	—	—	—	—	—	—	BMG2-012	BMG2-012	—
MY1M, MY1MW	—	—	—	BMG2-012	BMG2-012	BMG2-012	BMG2-012	—	—	—
MY1C, MY1CW	—	—	—	BMG2-012	BMG2-012	BMG2-012	BMG2-012	—	—	—
CY3R	—	—	—	BMG2-012	BMG2-012	BMG2-012	BMG2-012	BMG2-012	—	—
REAR	—	—	—	BMG2-012	BMG2-012	—	—	—	—	—
REBR	—	—	—	—	—	—	—	—	—	—
MGPS	—	—	—	—	—	—	—	—	—	—
MGP, MGPA	BMG2-012	—	—	—	—	—	—	—	—	—
MGQ, MVGQ	—	BMG2-012	BMG2-012	BMG2-012	BMG2-012	BMG2-012	BMG2-012	BMG2-012	BMG2-012	—
MGP□-□A	—	—	—	—	—	—	—	—	—	—
MLGP	—	—	—	—	—	—	—	—	—	—
MGF	—	—	—	—	—	—	—	—	—	—
MGT	—	—	—	—	—	—	—	—	—	—
RSH	—	—	BMG2-012	—	BMG2-012	—	—	—	—	—
RS1H	—	—	—	—	—	—	BMG2-012	BMG2-012	BMG2-012	—

Note 2) Color or gloss differences in the metal surfaces have no effect on metal performance.

The special properties of the chromate applied to the main body of the auto switch mounting bracket for BMG2-012 result in differences in coloration depending on the production lot, but these have no adverse impact on corrosion resistance.

Note 3) The D-A9□(V) type cannot be mounted on the product series shown below. MY1B, MY1M, MY1C, MY1MW and MY1CW series with ø 25 or more. MGF, RSH and RS1H series

Note 4) The D-M9□(W)V type cannot be mounted on the product series shown below. MY1B series with ø 50, MY1□W series with ø 16 and ø 20, CY3R, REAR and REBR series

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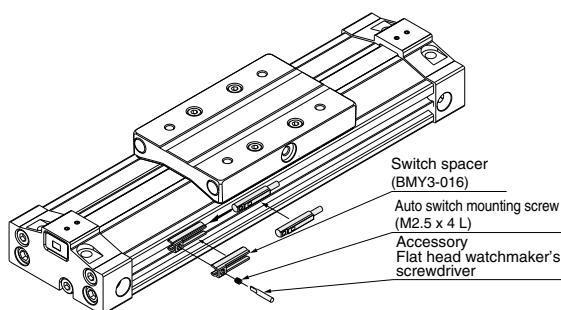
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D-M9NW(V), M9PW(V), M9BW(V),
D-M9NA(V), M9PA(V), M9BA(V)
Solid state D-A90(V), A93(V), A96(V)

How to Mount and Move the Auto Switch

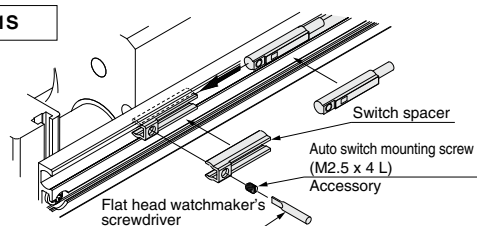
When attaching an auto switch, first take a switch spacer between your fingers and press it into a switch mounting groove. When doing this, confirm that it is set in the correct mounting orientation, or reattach if necessary. Next, insert an auto switch into the groove and slide it until it is positioned under the switch spacer.

After establishing the mounting position, use a watchmakers flat head screwdriver to tighten the switch mounting screw which is included.

Note) When tightening an auto switch mounting screw, use a watchmaker's screwdriver with a grip diameter of 5 to 6 mm. Also, tighten with a torque of about 0.05 to 0.1 N·m.



CY1S



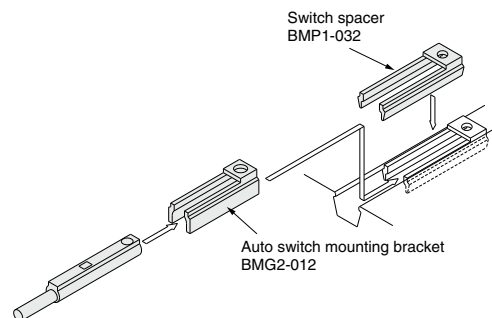
Switch Spacer No.

Cylinder series	Applicable bore size (mm)				
	6	10	16	20	25
MY1B	—	—	—	—	BMY3-016
MY1H	—	—	—	—	
MY3A, MY3B	—	—	BMY3-016	—	
MY3M	—	—		—	
CY1S	BMY3-016	BMY3-016		—	
MGZ, MGZR	—	—	—	BMY3-016	
Cylinder series	Applicable bore size (mm)				
	32	40	50	63	
MY1B	—	—	—	—	BMY3-016
MY1H	—	—	—	—	
MY3A, MY3B	—	—	BMY3-016	—	
MY3M	—	—	—	—	
CY1S	—	—	—	—	
MGZ, MGZR	—	—	—	—	

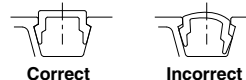
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Reed D-A90(V), A93(V), A96(V)

How to Mount and Move the Auto Switch



1. After picking up a switch spacer between your fingers, push it in the cylinder tube groove.
2. Confirm that it is set in the correct mounting orientation.



3. Insert an auto switch into the groove of the auto switch mounting bracket.
4. While keeping the condition in (3) above, insert the auto switch mounting bracket into the auto switch mounting groove of the cylinder to set it roughly to the auto switch mounting position.
5. After confirming the detecting position, secure the auto switch by tightening the auto switch mounting screw (M2.5).

Note 1) When tightening an auto switch mounting screw (M2.5), use a watchmaker's screwdriver with a grip diameter of 5 to 6 mm. Also, set the tightening torque to be 0.1 to 0.15 N·m.

Auto Switch Mounting Bracket Part No.

(Switch spacer and auto switch mounting bracket; two kinds of auto switch mounting brackets are used as a set.)

Cylinder series	Applicable bore size (mm)		
	32	40	50
MDB1	BMP1-032 BMG2-012	BMP1-032 BMG2-012	BMP1-032 BMG2-012
MGZ, MGZR	—	—	—

Cylinder series	Applicable bore size (mm)			
	63	80	100	125
MDB1	BMP1-032 BMG2-012	BMP1-032 BMG2-012	BMP1-032 BMG2-012	BMP1-032 BMG2-012
MGZ, MGZR	—	—	—	—

Note 2) Color or gloss differences in the metal surfaces have no effect on metal performance.

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