

How to Mount and Move the Auto Switch

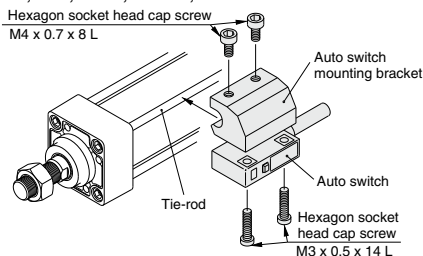
Mounting Bracket Tie-rod Mounting Type

<Applicable auto switch>

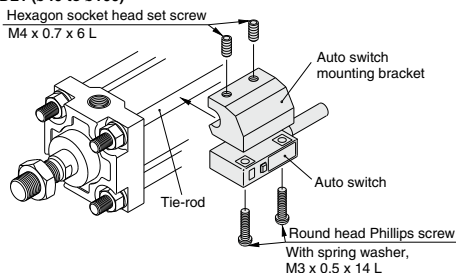
Solid state D-P4DW

How to Mount and Move the Auto Switch

MDB-Z, MDB, MDBB, MDBY-Z, MDNB



CDA2-Z, CDA2, CDBA2, CDA2Y-Z, CDNA2, CDL1 (ø40 to ø100)



1. (For MDB-Z, MDB, MDBY-Z)

Slightly screw the hexagon socket head cap screw (M4 x 0.7 x 8 L) into the M4 tapped portion of auto switch mounting bracket. (2 locations). Use caution that the tip of the hexagon socket head cap screw should not stick out to the concave portion of auto switch mounting bracket.

(For CDA2-Z, CDA2)

Slightly screw the hexagon socket head cap screw (M4 x 0.7 x 6 L) into the M4 tapped portion of auto switch mounting bracket. (2 locations). Use caution that the tip of the hexagon socket head set screw should not stick out to the concave portion of auto switch mounting bracket.

2. (For MDB-Z, MDB, MDBY-Z)

Put a hexagon socket head cap screw (M3 x 0.5 x 14 L) through the auto switch's through-hole (2 locations), and then push it down into the M3 tapped part on the auto switch mounting bracket while turning it lightly.

(For CDA2-Z, CDA2)

Put a hexagon socket head cap screw (with spring washer M3 x 0.5 x 14 L) through the auto switch's through-hole (2 locations), and then push it down into the M3 tapped part on the auto switch mounting bracket while turning it lightly.

3. Place the concave part of the auto switch mounting bracket into the cylinder tie-rod, and slide the auto switch mounting bracket in order to set roughly to the detecting position.

4. After reconfirming the detecting position, tighten the M3 mounting screw to secure the auto switch by making the bottom face of auto switch attached to the cylinder tube. (Tightening torque of M3 screw should be 0.5 to 0.7 N·m.)

5. Tighten up M4 screw of auto switch mounting bracket to secure the auto switch mounting bracket. (Ensure that tightening torque of M4 screw should be set 1.0 to 1.2 N·m.)

Auto Switch Mounting Bracket Part No. (Including bracket, screw)

| Cylinder series | Applicable bore size (mm) | | | | | | 125 |
|-----------------------------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 32 | 40 | 50 | 63 | 80 | 100 | |
| MDB | | | | | | | BAP2T-080 |
| MDB-Z, MDBB | BMB3T-040 | BMB3T-040 | BMB3T-050 | BMB3T-050 | BMB3T-080 | BMB3T-080 | — |
| MDBY-Z, MDNB | | | | | | | |
| CDA2-Z, CDA2, CDBA2 | — | BAP2-040 | BAP2-040 | BAP2-063 | BAP2-080 | BAP2-080 | — |
| CDA2Y-Z, CDL1, CDNA2 | | | | | | | |