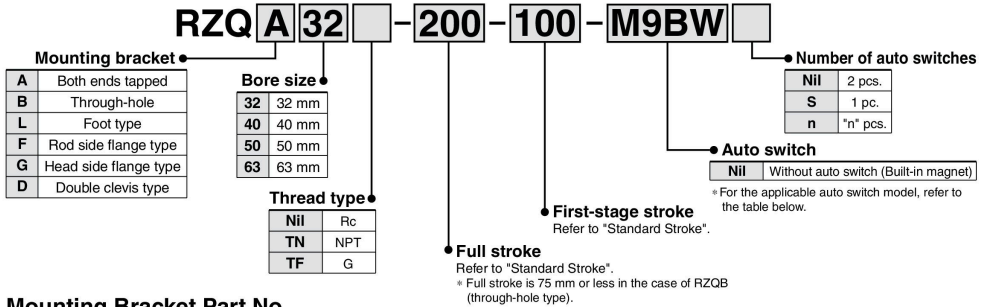


3 Position Cylinder

RZQ Series

ø32, ø40, ø50, ø63

How to Order



Mounting Bracket Part No.

| Bore size (mm) | Foot ^{Note 1)} | Flange | Double clevis ^{Note 2)} |
|----------------|-------------------------|----------|----------------------------------|
| 32 | RZQ-L032 | RZQ-F032 | RZQ-D032 |
| 40 | RZQ-L040 | RZQ-F040 | RZQ-D040 |
| 50 | RZQ-L050 | RZQ-F050 | RZQ-D050 |
| 63 | RZQ-L063 | RZQ-F063 | RZQ-D063 |

Note 1) When ordering foot brackets, order two pieces per cylinder.

Note 2) The following parts are included with each mounting bracket.

Foot, Flange/Body mounting bolts

Double clevis/Clevis pins, type C retaining ring for axis, Body mounting bolts

Applicable Auto Switches

Refer to pages 941 to 1067 for detailed auto switch specifications.

| 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) | None (N) | | | | | | | | |
| | | | | | | | | | | | | | | | | DC | AC | Perpendicular | In-line | 0.5 (Nil) | 1 (M) |
| Solid state auto switch | — | Grommet | Yes | 3-wire (NPN) | — | 5 V, 12 V | — | M9NV | M9N | ● | ● | ● | ○ | — | ○ | IC circuit | Relay, PLC | | | | |
| | | | | 3-wire (PNP) | | | | M9PV | M9P | ● | ● | ● | ○ | — | ○ | | | | | | |
| | | Connector | | 2-wire | 12 V | — | M9BV | M9B | ● | ● | ● | ○ | — | ○ | | | | | | | |
| | | | | — | — | — | J79C | — | ● | — | ● | ● | ● | — | — | | | | | | |
| | | Diagnostic indication (2-color indicator) | | Grommet | 3-wire (NPN) | 24V | — | 5 V, 12 V | — | M9NWV | M9NW | ● | ● | ● | ○ | | | — | ○ | IC circuit | Relay, PLC |
| | 3-wire (PNP) | | | | M9PWV | | | | | M9PW | ● | ● | ● | ○ | — | | | ○ | | | |
| | 2-wire | | | | 12 V | — | M9BWV | M9BW | ● | ● | ● | ○ | — | ○ | | | | | | | |
| | 3-wire (NPN) | | | | 5 V, 12 V | — | M9NAV*1 | M9NA*1 | ○ | ○ | ● | ○ | — | ○ | | | | | | | |
| | 3-wire (PNP) | | | | 5 V, 12 V | — | M9PAV*1 | M9PA*1 | ○ | ○ | ○ | ○ | — | ○ | | | | | | | |
| | Water resistant (2-color indicator) | Grommet | | Yes | 2-wire | 24V | — | 12 V | — | M9BAV*1 | M9BA*1 | ○ | ○ | ○ | ○ | | | — | ○ | IC circuit | Relay, PLC |
| 4-wire | | | 5 V, 12 V | | — | | | | | — | F79F | — | ● | — | ● | — | ○ | | | | |
| 2-wire (Non-polar) | | | — | | — | — | — | — | — | — | — | — | — | ○ | — | | | | | | |
| With diagnostic output (2-color indicator) | | | Grommet | | Yes | 3-wire (NPN Equiv.) | — | 5 V | — | A96V | A96 | ● | — | ● | — | — | — | IC circuit | — | | |
| | | | | | | | | | | — | 200 V | A72 | A72H | ● | — | ● | — | | | | |
| Reed auto switch | — | Grommet | No | 2-wire | 24V | — | — | A93V*2 | A93 | ● | ● | ● | ● | — | — | IC circuit | Relay, PLC | | | | |
| | | | | | | | | 5 V, 12 V | 100 V or less | A90V | A90 | — | — | ● | — | | | — | — | | |
| | | | | | | | | 12 V | — | A73C | — | ● | — | ● | ● | | | ● | — | — | |
| | | | | | | | | 5 V, 12 V | 24 V or less | A80C | — | — | — | ● | — | | | ● | ● | — | — |
| | | | | | | | | — | — | A79W | — | — | — | ● | — | | | ● | — | — | — |

*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) M9NW
1 m M (Example) M9NWM
3 m L (Example) M9NWL
5 m Z (Example) M9NWZ
None N (Example) J79CN

* Auto switches marked with a "○" symbol are produced upon receipt of order.

* D-P4DW is available in sizes ø40 to ø63.

* Only D-P4DW type is assembled at the time of shipment.

* In addition to the models in the above table, there are some other auto switches that are applicable. For more information, refer to page 379.

* Refer to pages 1014 and 1015 for the details of auto switches with a pre-wired connector.

* When D-A9□(V)/M9□(V)/M9□(W)/M9□(A/V) types with ø32 to ø50 are mounted on a side other than the port side, order auto switch mounting brackets separately. Refer to page 379 for details.