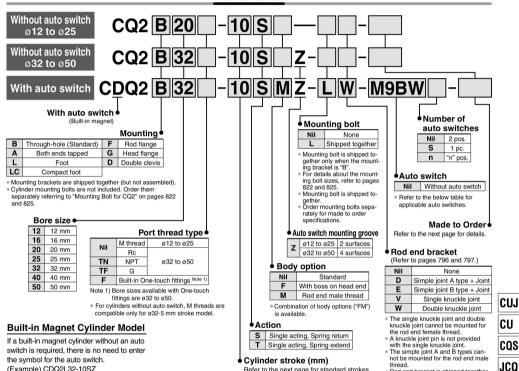
## **Compact Cylinder: Standard** Single Acting, Single Rod

## CQ2 Series

Ø12, Ø16, Ø20, Ø25, Ø32, Ø40, Ø50

## How to Order



(Example) CDQ2L32-10SZ

- Refer to the next page for standard strokes. Rod end bracket is shipped together.

Applicable Auto Switches/Refer to pages 1575 to 1701 for further information on auto switches.

| Туре                    | Special function                          | Electrical<br>entry | Indicator | 140-1                      | Load voltage |                      |                      | Auto switch model |         | Lead wire length (m) |          |          |   | (m)         | D                   |            |          |
|-------------------------|---|---------------------|-----------|----------------------------|--------------|----------------------|----------------------|-------------------|---------|----------------------|----------|----------|---|-------------|---------------------|------------|----------|
|                         |   |                     |           | Wiring<br>(Output)         | DC           |                      | AC                   | Perpendicular     | In-line | 0.5<br>(Nil)         | 1<br>(M) | 3<br>(L) |   | None<br>(N) | Pre-wired connector | Applical   | ble load |
| Solid state auto switch |   | Grommet             | Yes       | 3-wire (NPN)               | 24 V         | 5 V,                 |                      | M9NV              | M9N     | •                    | •        | •        | 0 | -           | 0                   | 10         |          |
|                         |   |                     |           | 3-wire (PNP)               |              | 12 V<br>12 V<br>5 V, |                      | M9PV              | M9P     | • •                  | •        | 0        | - | 0           | IC circuit          |            |          |
|                         |   |                     |           | 2-wire                     |              |                      |                      | M9BV              | M9B     | •                    | •        | •        | 0 | -           | 0                   |            | ]        |
|                         | Diagnostic indication (2-color indicator) |                     |           | 3-wire (NPN)               |              |                      |                      | M9NWV             | M9NW    | •                    | •        | •        | 0 | _           | 0                   |            | Dollari  |
|                         |   |                     |           | 3-wire (PNP)               |              | 12 V                 | _                    | M9PWV             | M9PW    | •                    | •        | •        | 0 | _           | 0                   | IC circuit | PLC PLC  |
|                         |   |                     |           | 2-wire                     |              | 12 V                 | 12 V<br>5 V,<br>12 V | M9BWV             | M9BW    | •                    | •        | •        | 0 | -           | 0                   | _          |          |
|                         | Water resistant<br>(2-color indicator)    |                     |           | 3-wire (NPN)               |              | 5 V,                 |                      | M9NAV*1           | M9NA*1  | 0                    | 0        | •        | 0 | _           | 0                   | 10         |          |
|                         |   |                     |           | 3-wire (PNP)               |              | 12 V                 |                      | M9PAV*1           | M9PA*1  | 0                    | 0        | •        | 0 | -           | 0                   | IC circuit | -        |
|                         |   |                     |           | 2-wire                     |              | 12 V                 |                      | M9BAV*1           | M9BA*1  | 0                    | 0        | •        | 0 | -           | 0                   | _          |          |
| Reed<br>auto switch     | —   | Grommet             | Yes<br>No | 3-wire<br>(NPN equivalent) | -            | 5 V                  | _                    | A96V              | A96     | •                    | _        | •        | _ | _           | _                   | IC circuit | _        |
|                         |   |                     |           | 2-wire 24                  | 24 V         | 12 V                 | 100 V                | A93V*2            | A93     | •                    | •        | •        | • | -           | -                   | _          | Relay,   |
|                         |   |                     |           |                            | 24 V         | 5 V, 12 V            | 100 V or less        | A90V              | A90     | •                    | _        | •        | _ | _           | _                   | IC circuit | PLC      |

- \*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
  - (Example) M9NWM 1 m ..... M

\* For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.

- 3 m ..... L (Example) M9NWL 5 m ..... Z (Example) M9NWZ
- \* Solid state auto switches marked with "O" are produced upon receipt of order.
- \* There are other applicable auto switches other than the listed above. For details, refer to page 970.

**SMC** 

-X□

Technical

819 A

D-

CO2 RQ COM CQU MU