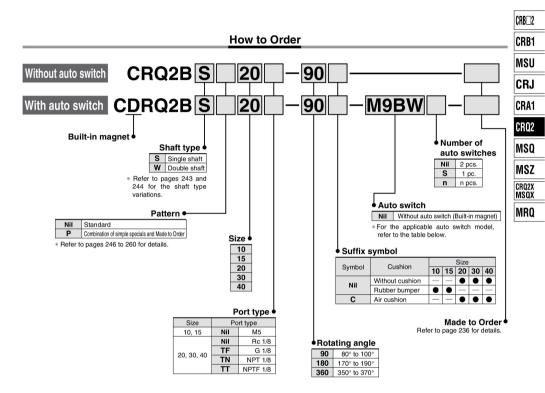
## **Compact Rotary Actuator Rack & Pinion Type**

## CRQ2 Series



Applicable Auto Switches/Refer to pages 797 to 850 for further information on auto switches

| <u> </u>                | nicable Auto 3                  | VILCIICS            | neieri             | o pages 797 to         | 05010        | runner    | mormation o   | ii auto switci    | iles.   |                       |          |          |          |           |                 |        |
|-------------------------|---------------------------------|---------------------|--------------------|------------------------|--------------|-----------|---------------|-------------------|---------|-----------------------|----------|----------|----------|-----------|-----------------|--------|
|                         | Special function                | Electrical<br>entry | Indicator<br>light | Wiring<br>(Output)     | Load voltage |           |               | Auto switch model |         | *Lead wire length (m) |          |          |          | Pre-wired |                 |        |
| Type                    |                                 |                     |                    |                        |              | DC        | AC            | Perpendicular     | In-line | 0.5<br>(Nil)          | 1<br>(M) | 3<br>(L) | 5<br>(Z) | connector | Applicable load |        |
| Solid state auto switch | _                               | Grommet             | Yes                | 3-wire (NPN)           | 24 V         | 5 V, 12 V | _             | M9NV              | M9N     | •                     | •        | •        | 0        | 0         | IC              |        |
|                         |                                 |                     |                    | 3-wire (PNP)           |              |           |               | M9PV              | M9P     | •                     | •        | •        | 0        | 0         | circuit         |        |
|                         |                                 |                     |                    | 2-wire                 |              | 12 V      |               | M9BV              | M9B     | •                     | •        | •        | 0        | 0         | _               |        |
|                         | Diagnostic indication (2-color) |                     |                    | 3-wire (NPN)           |              | 5 V, 12 V |               | M9NWV             | M9NW    | •                     | •        | •        | 0        | 0         | IC              | Delen  |
|                         |                                 |                     |                    | 3-wire (PNP)           |              |           |               | M9PWV             | M9PW    | •                     | •        | •        | 0        | 0         | circuit F       | Relay, |
|                         |                                 |                     |                    | 2-wire                 |              | 12 V      |               | M9BWV             | M9BW    | •                     | •        | •        | 0        | 0         | _               | FLC    |
|                         | Water resistant<br>(2-color)    |                     |                    | 3-wire (NPN)           |              | 5 V, 12 V |               | M9NAV*1           | M9NA*1  | 0                     | 0        | •        | 0        | 0         | IC              |        |
|                         |                                 |                     |                    | 3-wire (PNP)           |              |           |               | M9PAV*1           | M9PA*1  | 0                     | 0        | •        | 0        | 0         | circuit         |        |
|                         |                                 |                     |                    | 2-wire                 |              | 12 V      |               | M9BAV*1           | M9BA*1  | 0                     | 0        | •        | 0        | 0         | _               |        |
| Reed<br>auto switch     | _                               | Grommet             | Yes                | 3-wire<br>(NPN equiv.) | _            | 5 V       | -             | A96V              | A96     | •                     | -        | •        | _        | _         | IC<br>circuit   | _      |
| P. S.                   |                                 |                     |                    | 2-wire                 | 24 V         | 12 V      | 100 V         | A93V*2            | A93     | •                     | •        | •        | •        | _         | _               | Relay, |
| ar                      |                                 |                     | No                 |                        |              |           | 100 V or less | A90V              | A90     | •                     | _        | •        | _        | _         | IC circuit      | PLC    |

- \*1 Although it is possible to mount water resistant type auto switches, note that the rotary actuator itself is not of water resistant construction.
- \*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
- \* Auto switches are shipped together, (but not assembled).
- \* Auto switches marked with "O" are made to order specification.
- \* Refer to pages 837 and 838 for the details of solid state auto switch with pre-wired connector



D-□