

Dual Rod Cylinder/Compact Type

Series CXSJ

ø6, ø10, ø15, ø20, ø25, ø32

How to Order

Port thread type

| | | |
|-----|----------|-----------|
| Nil | M thread | ø6 to ø25 |
| | Rc 1/8 | |
| TN | NPT 1/8 | ø32 |
| TF | G 1/8 | |

Piping

| | |
|-----|----------------------|
| Nil | Standard (ø6 to ø32) |
| P | Axial (ø6, ø10) |

Standard piping Port location

Axial piping Port location

Compact type

Bearing type

| | |
|---|----------------------|
| M | Slide bearing |
| L | Ball bushing bearing |

Number of auto switches

| | |
|-----|----------|
| Nil | 2 pcs. |
| S | 1 pc. |
| n | "n" pcs. |

Made to Order
(Refer to the below.)

Auto switch

| | |
|-----|--|
| Nil | Without auto switch (with built-in magnet) |
|-----|--|

* Refer to the below table for auto switch model numbers.

Bore size / Stroke (mm)

| Bore size | Standard stroke |
|-----------|-----------------------------|
| 6 | 10, 20, 30, 40, 50 |
| 10 | 10, 20, 30, 40, 50, 75 |
| 15 | 10, 20, 30, 40, 50, 75, 100 |
| 20 | |
| 25 | |
| 32 | |

Made to Order
(For details, refer to pages 1851 to 1954.)

| Symbol | Specifications |
|------------|--|
| XB6 | Heat resistant cylinder (-10 to 150°C) |
| XB13 | Low speed cylinder (5 to 50 mm/s) |
| XC6 (Note) | Made of stainless steel |
| XC19 | Intermediate stroke (spacer) |
| XC22 | Fluoro rubber seals |

Note) Slide bearing type (M) only

Applicable Auto Switches/Refer to pages 1719 to 1827 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) | | | |
| | | | | | | | | | | | | | | | 24 V |
| Solid state switch | — | Grommet | Yes | 3-wire (NPN) | 5 V, 12 V | — | M9NV | M9N | ● | ● | ● | ○ | ○ | IC circuit | |
| | | | | 3-wire (PNP) | | | M9PV | M9P | ● | ● | ● | ○ | ○ | | |
| | | | | 2-wire | 12 V | M9BV | M9B | ● | ● | ● | ○ | ○ | — | | |
| | | | | 3-wire (NPN) | 5 V, 12 V | M9NVV | M9NW | ● | ● | ● | ○ | ○ | IC circuit | | |
| | 3-wire (PNP) | | | M9PVV | | M9PW | ● | ● | ● | ○ | ○ | | | | |
| | Diagnostic indication (2-color display) | | | 2-wire | M9BVV | M9BW | ● | ● | ● | ○ | ○ | — | | | |
| | | | | | 3-wire (NPN) | 5 V, 12 V | M9NAV | M9NA | ○ | ○ | ● | ○ | ○ | | IC circuit |
| | | | | 3-wire (PNP) | M9PAV | | M9PA | ○ | ○ | ● | ○ | ○ | | | |
| 2-wire | | 12 V | M9BAV | M9BA | ○ | ○ | ● | ○ | ○ | — | | | | | |
| Reed switch | — | Grommet | Yes | 3-wire (NPN equiv.) | — | 5 V | A96V | A96 | ● | — | ● | — | — | IC circuit | — |
| | | | | 2-wire | 24 V | 12 V | 100 V | A93V | A93 | ● | — | ● | — | — | Relay, PLC |
| | | | | | 5 V, 12 V | 100 V or less | A90V | A90 | ● | — | ● | — | — | IC circuit | |

* Lead wire length symbols: 0.5 m Nil (Example) M9NV
 1 m M M9NVM
 3 m L M9NVL
 5 m Z M9NVZ

* Solid state auto switches marked with "○" are produced upon receipt of order.

- Since there are applicable auto switches other than listed, refer to page 559 for details.
- For details about switch with pre-wired connector, refer to pages 1784 and 1785.
- * Auto switches are shipped together (not assembled).