

Magnetically Coupled Rodless Cylinder Slider Type: Slide Bearing

Series **CY1S**

ø6, ø10, ø15, ø20, ø25, ø32, ø40

How to Order

CY1S 25 [] H - 300 [] - []

With auto switch
CDY1S 25 [] H - 300 [] - J79W [] - []

With switch rail
Slider type (Slide bearing)
Bore size

| | | | |
|----|-------|----|-------|
| 6 | 6 mm | 25 | 25 mm |
| 10 | 10 mm | 32 | 32 mm |
| 15 | 15 mm | 40 | 40 mm |
| 20 | 20 mm | | |

Port thread type

| Symbol | Type | Bore size |
|--------|----------|--------------------|
| Nil | M thread | ø6, ø10, ø15 |
| | Rc | ø20, ø25, ø32, ø40 |
| TN | NPT | ø20, ø25, ø32, ø40 |
| TF | G | ø20, ø25, ø32, ø40 |

Magnetic holding force
Refer to page 1195 for specifications.

Standard stroke
Refer to "Standard Stroke" on page 1195.

Number of auto switches

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

Auto switch

| | |
|-----|---------------------------------------|
| Nil | Without auto switch (Built-in magnet) |
|-----|---------------------------------------|

* For the applicable auto switch model, refer to the table below.

Adjustment type

| | |
|-----|--|
| Nil | With adjusting bolt |
| B | With shock absorbers (2 pcs.) |
| BS | With shock absorber (With plate A) * Installed on Side A at time of shipment. |

Applicable Auto Switch/Refer to pages 1263 to 1371 for further information on auto switches.

| 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 | Electrical entry direction | | 0.5 (Nil) | 3 (L) | 5 (Z) | None (N) | | IC circuit | Relay, PLC | | | |
| | | | | | | | Perpendicular | In-line | | | | | | | | | | |
| Solid state switch | — | Grommet | Yes | 3-wire (NPN) | 5 V, 12 V | — | F7NV | F79 | ● | ● | ○ | — | ○ | IC circuit | Relay, PLC | | | |
| | | | | 3-wire (PNP) | | | F7PV | F7P | ● | ● | ○ | — | ○ | | | | | |
| | | Connector | | 2-wire | 12 V | — | F7BV | J79 | ● | ● | ○ | — | ○ | — | | | | |
| | 3-wire (NPN) | | | 24 V | 5 V, 12 V | — | F79C | — | — | — | ● | — | — | — | | | | |
| | 3-wire (PNP) | F7NWV | | | | F79W | ● | ● | ○ | — | ○ | IC circuit | | | | | | |
| | Diagnostic indication (2-color indication) | Grommet | | 2-wire | 12 V | — | F7BWV | J79W | ● | ● | ○ | — | ○ | — | | | | |
| | | | 4-wire (NPN) | 5 V, 12 V | — | F7BAV | F7BA | — | ● | ○ | — | ○ | — | | | | | |
| With diagnostic output (2-color indication) | — | — | — | — | — | — | — | — | — | — | — | ○ | IC circuit | | | | | |
| Reed switch | — | Grommet | Yes | 3-wire (NPN equivalent) | — | 5 V | — | — | A76H | ● | ● | — | — | — | IC circuit | — | | |
| | | | | Connector | 2-wire | 24 V | — | — | 200 V | A72 | A72H | ● | ● | — | — | — | — | — |
| | | | | | | | 12 V | 100 V | A73 | A73H | ● | ● | ● | — | — | — | — | |
| | | 5 V, 12 V | | | | | 100 V or less | A80 | A80H | ● | ● | — | — | — | IC circuit | Relay, PLC | | |
| | | No/Yes/No | | — | — | — | — | — | — | A73C | — | ● | ● | ● | ● | — | — | — |
| | | | | | | | | | | A80C | — | ● | ● | ● | ● | — | — | IC circuit |

* Lead wire length symbols: 0.5 m..... Nil (Example) J79W
3 m..... L (Example) J79WL
5 m..... Z (Example) J79WZ
None..... N (Example) J79CN

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

- Since there are other applicable auto switches than listed, refer to page 1199 for details.
- For details about auto switches with pre-wired connector, refer to pages 1328 and 1329.
- * Auto switches are shipped together, (but not assembled).