

# Magnetically Coupled Rodless Cylinder Slider Type: Ball Bushing Bearing

## Series CY1L

ø6, ø10, ø15, ø20, ø25, ø32, ø40

### How to Order

#### Ball Bushing Bearing

**CY1L 25 H - 300 - J79W**

Slider type  
(Ball bushing 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	
TF	G	

Magnetic holding force  
Refer to page 1207 for specifications.

Standard stroke  
Refer to "Standard Stroke" on page 1207.

Made to Order  
Refer to page 1207 for details.

Number of auto switches

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

Auto switch

Nil	Without auto switch (Built-in magnet)
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\* 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	0.5 (Nil)			3 (L)	5 (Z)	None (N)					
							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		F7NWV	F79W	●	●	○	—	○	IC circuit			
	3-wire (PNP)	5 V, 12 V			—		F7PW	●	●	○	—	○	IC circuit				
	Grommet	2-wire		12 V	F7BWV		J79W	●	●	○	—	○	—				
		4-wire (NPN)		5 V, 12 V	—		F79F	●	●	○	—	○	IC circuit				
	Reed switch	—		Grommet	Yes		3-wire (NPN equivalent)	—	5 V	—	—	A76H	●	●		—	—
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		
				12 V	—	A73C	—	●	●	●	●	—	—	—			
Connector			No	5 V, 12 V	—	A80C	—	●	●	●	●	—	—	IC circuit			

\* Lead wire length symbols: 0.5 m..... Nil  
3 m..... L  
5 m..... Z  
None..... N

(Example) J79W  
(Example) J79WL  
(Example) J79WZ  
(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 1210 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).