

Magnetically Coupled Rodless Cylinder/ Direct Mount Type

Series **CY3R**

ø6, ø10, ø15, ø20, ø25, ø32, ø40, ø50, ø63

How to Order

CY3R **25** **-300** **-M9BW** **-**

Direct mount type

Piping type

Nil	Standard type
G	Centralized piping type

* Type G (centralized piping) is not available for ø6.

Bore size

6	6 mm
10	10 mm
15	15 mm
20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm
63	63 mm

Port thread type

Symbol	Type	Bore size
Nil	M thread	6, 10, 15
	Rc	20, 25, 32, 40
TN	NPT	
TF	G	50, 63

Made to Order
Refer to page 1179 for details.

Number of auto switches

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

Auto switch type

Nil	Without auto switch (Built-in magnet)
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Note) In case of ø20 with switch rail but without auto switch, the cylinder construction is for reed auto switch. Mounting a solid state auto switch causes malfunctions.
* Refer to the table below for auto switch model numbers.

Switch rail

Nil	With switch rail
N	Without switch rail

Note 1) A type with switch rail has built-in auto switch magnets.
Note 2) ø15 has built-in auto switch magnets even without switch rail.

Cylinder stroke (mm)
Refer to page 1179 for standard stroke.

Applicable Auto Switches/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)	1 (M)	3 (L)				5 (Z)
Solid state switch	—	Grommet	Yes	3-wire (NPN)	24V	5V, 12V	—	M9N	●	●	●	○	○	IC circuit	Relay, PLC
	3-wire (PNP)			12V		M9P		●	●	●	○	○			
	2-wire			5V, 12V		M9B		●	●	●	○	○			
	3-wire (NPN)			12V		M9NW		●	●	●	○	○	IC circuit		
	3-wire (PNP)			100V		M9PW		●	●	●	○	○			
	2-wire			100V or less		M9BW		●	●	●	○	○			
Reed switch	—	Grommet	Yes	3-wire (NPN equiv.)	—	5V	—	A96	●	—	●	—	—	IC circuit	—
			No	2-wire	24V	5V, 12V	100V	A93	●	—	●	—	—	—	Relay, PLC
						100V or less	A90	●	—	●	—	—	IC circuit		

* 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

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

* Other than the applicable auto switches listed in "How to Order", the other auto switches can be mounted. For detailed specifications, refer to page 1185.
* With pre-wired connector is also available in solid state auto switches. For specifications, refer to pages 1328 to 1329.
* The auto switch is shipped together, but not assembled.