

Standard: Double Acting Single Rod

Series CG1

ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100

How to Order

Standard

CG1 L N 25 100

With auto switch

CDG1 L N 25 100 B53

With auto switch
(magnet)

Mounting

B	Basic
L	Axial foot
F	Front flange
G	Rear flange
U*	Front trunnion
T*	Rear trunnion
D	Clevis



* Not available for bore sizes ø80 and ø100.
** Mounting brackets are included, not mounted.

Cushion

N	Rubber bumper
A	Air cushion

Rod boot (at one side)

—	Without rod boot
J	Nylon tarpaulin
K	Heat resistant tarpaulin

* Foot brackets and front flanges are fitted when rod boots are mounted.

Number of auto switches

—	2
S	1
n	n

Auto switch

—	Without auto switch (Built-in magnet)
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* Refer to the table below for selecting applicable auto switches.

Bore size

20	20mm	50	50mm
25	25mm	63	63mm
32	32mm	80	80mm
40	40mm	100	100mm

Cylinder stroke (mm)

Refer to p.1.7-3 for Standard Stroke Table.

Applicable Auto Switches/Refer to p.5.3-2 for further information on auto switch.

Style	Special function	Electrical entry	Indicator	Wiring (Output)	Load voltage		Auto switch model		Lead wire (m)*				Applicable load			
					DC	AC	Applicable bore size		0.5 (—)	3 (L)	5 (Z)	None (N)				
							ø20 to ø63	ø20 to ø100								
Reed switch	—	Grommet	Yes	3 wire (NPN)	—	5V	—	C76	—	●	●	—	—	IC	—	
			2 wire	24V	—	—	B53	●	●	●	—	—	Relay PLC			
					200V or less	—	B54	●	●	—	—					
					12V	100V	C73	—	●	●	—			—		
					5V, 12V	100V or less	C80	—	●	●	—			—	IC	
					12V	—	C73C	—	●	●	●			—	—	
	Yes	5V, 12V	24V or less	C80C	—	●	●	●	●	—	—	IC				
	Connector	No	—	—	—	B59W	●	●	—	—	—	—				
Diagnostic indication (2 color)		Grommet	Yes	—	—	—	B59W	●	●	—	—	—				
Solid state switch	—	Grommet	Yes	3 wire (NPN)	24V	5V, 12V	—	H7A1	G59	●	●	○	—	IC	Relay PLC	
				3 wire (PNP)				H7A2	G5P	●	●	○	—			
		Connector		2 wire				12V	H7B	K59	●	●	○			—
				H7C				—	●	●	●	●	—			
	Diagnostic indication (2 color)	Grommet		3 wire (NPN)		5V, 12V		H7NW	G59W	●	●	○	—	IC		
				3 wire (PNP)				H7PW	G5PW	●	●	○	—			
				2 wire				12V	H7BW	K59W	●	●	○			—
				H7BA				G5BA	—	●	○	—				
			Water resistant (2 color)	With timer		3 wire (NPN)		5V, 12V	—	G5NT	—	●	○	—		IC
						4 wire (NPN)			H7NF	G59F	●	●	○	—		
			Diagnostic output (2 color)	Latch with diagnostic output (2 color)		—		—	H7LF	—	●	●	○	—		—

* Lead wire length 0.5m.....— 3m.....L e.g.) C73C 5m.....Z e.g.) C73CZ C73CL None.....N C73CN

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