

Fine Lock Cylinder

Double Acting, Single Rod

Series CLG1

ø20, ø25, ø32, ø40

How to Order

Without auto switch CLG1 **L** **N** **25** **100** **E**

With auto switch CDLG1 **L** **N** **25** **100** **E** **H7BW**

Built-in magnet

Mounting style

B	Basic style
L	Axial foot style
F	Rod side flange style
G	Head side flange style
U	Rod side trunnion style
T	Head side trunnion style
D	Clevis style

Type

N	Non-lube/Rubber bumper
A	Non-lube/Air cushion

Bore size

20	20 mm
25	25 mm
32	32 mm
40	40 mm

Cylinder stroke (mm)

Bore size (mm)	Standard stroke (mm)	Long stroke (mm)
20	25, 50, 75, 100, 125, 150, 200	201 to 350
25	25, 50, 75, 100, 125, 150, 200	301 to 400
32	125, 150, 200,	301 to 450
40	250, 300	301 to 800

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.

Lock operation

E	Spring locking (Exhaust locking)
P	Pneumatic locking (Pressure locking)
D	Spring and pneumatic locking

With rod boot

Nil	Without rod boot
J	Nylon tarpaulin
K	Heat resistant tarpaulin

* Intermediate stroke is available, too.

Applicable Auto Switch/Refer to page 9-15-1 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model	Lead wire (m) *				Pre-wire connector	Applicable load			
					DC	AC		0.5 (Nil)	3 (L)	5 (Z)	None (N)		IC circuit	—		
Reed switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5 V	—	C76	●	●	—	—	—	IC circuit	—	
		Connector		2-wire	24 V	12 V	100 V, 200 V	B54	●	●	●	—	—	—	Relay, PLC	
							100 V	C73	●	●	●	—	—			
							C73C	●	●	●	●	—	—			
	Diagnostic indication (2-color indication)	Grommet	—	—	B59W	●	●	—	—	—	—	—				
Solid state switch	—	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	H7A1	●	●	○	—	○	IC circuit	Relay, PLC	
		3-wire (PNP)		H7A2				●	●	○	—	○				
		Connector		2-wire				12 V	H7B	●	●	○	—			○
				H7C				●	●	●	●	—	—			
	Diagnostic indication (2-color indication)	Grommet		3-wire (NPN)	5 V, 12 V	H7NW	●	●	○	—	○	IC circuit				
				3-wire (PNP)		H7PW	●	●	○	—	○					
				2-wire		H7BW	●	●	○	—	○	—				
						H7BA	—	●	○	—	○					
				Water resistant (2-color indication)		Grommet	4-wire (NPN)	5 V, 12 V	H7NF	●	●	○	—	○		IC circuit
				With diagnostic output (2-color indication)												

* Lead wire length symbols: 0.5 m..... Nil (Example) C73C
3 m..... L (Example) H73CL
5 m..... Z (Example) C73CZ
None..... N (Example) C73CN

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

- Since there are other applicable auto switches than listed, refer to page 9-2-29 for details.
- For details about auto switches with pre-wire connector, refer to page 9-15-66.