

SSD2-K-*C Series

How to order

No switch (without magnet for switch)

SSD2-K-40-C-10-N-LB-I

With switch (built-in magnet for switch)

SSD2-KL-40-C-10-T0H-R-N-LB-I

A Bore size

Rubber-air cushioned

B Port thread

C Stroke

D Switch model No.
*6

E Switch quantity

F Option
*1

⚠ Precautions for model No. selection

*1: Piston rod of ø20 and ø25 is stainless steel as standard. C-snap ring is stainless steel instead of steel. The rod end male thread nut is stainless steel.

*2: MountingThe bracket is attached at shipment.

*3: The projection dimension of piston rod WF when LB or FA is selected is different from that of the standard. Refer to the dimensions on pages 761, 763, 765 and 766. The number of the specified protruding dimension will be added at the end of the model No. printed on the metal plate on the body.

*4: "I" and "Y" cannot be selected together.

*5: Refer to pages 750 and 751 for combinations of variations/options.

*6: Switches are shipped with the product. Contact CKD if assembling before shipment is necessary.

*7: F-switch cannot be selected.

[Example of model No.]

SSD2-KL-32C-10-T0H-R-N

Model: Compact cylinder, rubber-air cushioned

A Bore size : ø32 mm

B Port thread : Rc thread

C Stroke : 10 mm

D SwitchModel No. : Reed switch T0H, lead wire length 1 m

E Switch quantity : 1 on rod side

F Option : Rod end male thread

G Mounting bracket
*2 *3

H Accessory*4

How to order switch

SW-T0H

(Item D above)

CKD

Code	Description
A Bore size (mm)	
20	ø20
25	ø25
32	ø32
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100

B Port thread	
Blank	Rc thread
N	NPT thread (ø32 and over) (made to order)
G	G thread (ø32 and over) (made to order)

C Stroke (mm)	
Refer to the stroke table on the following page.	

D Switch model No.															
Lead wire Straight type	Lead wire L-shaped	Contact	Voltage AC DC	Indicator	Lead wire	Bore size									
						20	25	32	40	50	63	80	100		
-	F2S*	Proximity	●	1-color LED	2-wire	●	●								
-	F3S*		●		3-wire	●	●								
F2H*	F2V*		●		2-wire	●	●								
F3H*	F3V*		●		3-wire	●	●								
F3PH*	F3PV*		●	1-color LED (PNP output) (made to order)	3-wire	●	●								
F2YH*	F2YV*		●	2-color LED	2-wire	●	●								
F3YH*	F3YV*		●		3-wire	●	●								
T0H*	T0V*	Reed	●	1-color LED	2-wire	●	●	●	●	●	●	●	●		
T5H*	T5V*		●	No indicator lamp		●	●	●	●	●	●	●	●		
T8H*	T8V*		●	1-color LED					●	●	●	●	●		
T1H*	T1V*		●	1-color LED		●	●	●	●	●	●	●	●		
T2H*	T2V*	●	2-wire		●	●	●	●	●	●	●	●			
T3H*	T3V*	●	3-wire		●	●	●	●	●	●	●	●			
T3PH*	T3PV*	●			1-color LED (PNP output)	●	●	●	●	●	●	●	●		
T2WH*	T2WV*	Proximity	●	2-color LED	2-wire	●	●	●	●	●	●	●	●		
T2YH*	T2YV*		●		3-wire	●	●	●	●	●	●	●	●		
T3WH*	T3WV*		●			●	●	●	●	●	●	●	●		
T3YH*	T3YV*		●		●	●	●	●	●	●	●	●	●		
T2YD*	-		●	2-color LED for AC magnetic field	2-wire	●	●	●	●	●	●	●	●		
T2YDT*	-		●	1-color LED off-delay	2-wire	●	●	●	●	●	●	●	●		
T2JH*	T2JV*		●			●	●	●	●	●	●	●	●	●	

* Lead wire length

Blank	1 m (standard)
3	3 m (option)
5	5 m (option) *7

E Switch quantity	
R	1 on rod side
H	1 on head side
D	2

F Option	
Blank	Rod end female thread
N	Rod end male thread
M	Piston rod material (stainless steel)

G Mounting bracket	
Blank	Without mounting bracket
LB	Axial foot type
CB	Clevis bracket (pin and snap ring attached)
FA	Rod side flange
FB	Head side flange

H Accessory (available when rod end male thread "N" is selected)	
I	Rod eye
Y	Rod clevis (pin and snap ring attached)

[Stroke table]

Stroke (mm)		Applicable bore size							
		ø20	ø25	ø32	ø40	ø50	ø63	ø80	ø100
Standard stroke	5	●	●	●	●				
	10	●	●	●	●	●	●	●	●
	15	●	●	●	●	●	●	●	●
	20	●	●	●	●	●	●	●	●
	25	●	●	●	●	●	●	●	●
	30	●	●	●	●	●	●	●	●
	35	●	●	●	●	●	●	●	●
	40	●	●	●	●	●	●	●	●
	45	●	●	●	●	●	●	●	●
	50	●	●	●	●	●	●	●	●
	75			●	●	●	●	●	●
	100			●	●	●	●	●	●
Min. stroke (mm) *1		5					10		
Max. stroke (mm)		50		100					
Custom stroke *2		In 1 mm increments							

1: Less than 10 mm with the 2-color LED, off-delay, AC magnetic field proof, T1 or T8* switch is not available. Refer to page 832 for the number of installed switches and the min. stroke.

*2: The total length when using a custom stroke is the same as that when using the next longer standard stroke.

*3: Refer to page 789 for the min. stroke with mounting bracket LB.

How to order mounting bracket

Bore size (mm)	ø20	ø25	ø32	ø40	ø50	ø63	ø80
Mounting bracket							
Foot (LB)	SSD2-LB-20	SSD2-LB-25	SSD2-LB-32	SSD2-LB-40	SSD2-LB-50	SSD2-LB-63	SSD2-LB-80
Flange (FA/FB)	SSD2-FA-20	SSD2-FA-25	SSD2-FA-32	SSD2-FA-40	SSD2-FA-50	SSD2-FA-63	SSD2-FA-80
Clevis bracket (CB)	SSD2-CB-20	SSD2-CB-25	SSD2-CB-32	SSD2-CB-40	SSD2-CB-50	SSD2-CB-63	SSD2-CB-80
Bore size (mm)							
Mounting bracket							
Foot (LB)	SSD2-LB-100						
Flange (FA/FB)	SSD2-FA-100						
Clevis bracket (CB)	SSD2-CB-100						

*1: The foot mounting bracket is provided as 2 pcs./set.

SCP*3

CMK2

CMA2

SCM

SCG

SCA2

SCS2

CKV2

CAV2/
COVP/N2

SSD2

SSG

SSD

CAT

MDC2

MVC

SMG

MSD/
MSDG

FC*

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

FJ

FK

Spd
Contr

Ending