SSD2-G5 Series

How to order

No switch (without magnet for switch)

SSD2-G5 - 20 ○ - 5 ———— N - LB - I

With switch (built-in magnet for switch)

SSD2-G5L - 20 ○ - 5 - T0H - R - N - LB - I

Ⓐ Model No.
Ⓑ Bore size
Ⓒ Port thread
Ⓓ Stroke
Ⓔ Switch model No. *1 *4
Ⓕ Switch quantity
Ⓖ Option
Ⓗ Mounting bracket *2
Ⓘ Accessory *3

⚠ **Precautions for model No. selection**

1 : The T8 switch cannot be mounted on the ø20 to ø32 bore sizes.
*2 : The mounting bracket is included at shipment. The WF/wf dimension of the cylinder for "LB" and "FA" is set 10 mm longer than that of standard products. 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.
*3 : "I" and "Y" cannot be selected together.
*4 : Switches are shipped with the product. Contact CKD if assembling before shipment is necessary.
*5 : F-switch cannot be selected.

[Example of model No.]
SSD2-G5L-32-5-T0H-R-N-LB-I

Model: Compact cylinder
Double acting/single rod/environment-resistant scraper
Ⓑ Bore size : ø32 mm
Ⓒ Port thread : Type of Rc thread
Ⓓ Stroke : 5 mm
Ⓔ Switch model No. : Reed switch T0H Lead wire length 1 m
Ⓕ Switch quantity : 1 on rod side
Ⓖ Option : Rod end male thread
Ⓗ Mounting bracket : Axial foot
Ⓘ Accessory : Rod eye

Code	Description
Ⓐ Model No.	
SSD2-G5	Double acting/single rod/environment-resistant scraper (made-to-order product)
SSD2-G5L	Double acting/single rod/environment-resistant scraper/switch (MTO)
Ⓑ Bore size (mm)	
20	ø20
25	ø25
32	ø32
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100
Ⓒ Port thread	
Blank	Rc thread/M5 thread
NN	NPT thread (ø32 and over) (made-to-order product)
GN	G thread (ø32 and over) (made-to-order product)
Ⓓ Stroke (mm)	
Refer to the stroke table on the following page.	

Ⓔ Switch model No.

Lead wire Straight	Lead wire L-shaped	Contact	Voltage AC	Voltage DC	Indicator	Lead Line	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) (custom)	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*	Proximity	●		1-color LED	2-wire	●	●	●	●	●	●	●	●
T2H*	T2V*			●			●	●	●	●	●	●	●	●
T3H*	T3V*			●		3-wire	●	●	●	●	●	●	●	●
T3PH*	T3PV*			●	1-color LED (PNP output)		●	●	●	●	●	●	●	●
T2WH*	T2WV*			●	2-color LED	2-wire	●	●	●	●	●	●	●	●
T2YH*	T2YV*			●			●	●	●	●	●	●	●	●
T3WH*	T3WV*			●		3-wire	●	●	●	●	●	●	●	●
T3YH*	T3YV*			●			●	●	●	●	●	●	●	●
T2YD*	-			●	2-color LED for AC magnetic field	2-wire	●	●	●	●	●	●	●	●
T2YDT*	-			●			●	●	●	●	●	●	●	●
T2JH*	T2JV*			●	1-color LED off-delay	2-wire	●	●	●	●	●	●	●	●

* Lead wire length		
Blank	1 m (standard)	
3	3 m (option)	
5	5 m (option)	*5

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

Ⓖ Option	
Blank	Rod end female thread
N	Rod end male thread

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

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

CKD

[Stroke table]

Stroke (mm)		Applicable bore size							
		20	25	32	40	50	63	80	100
Standard stroke	5	●	●	●	●				
	10	●	●	●	●	●	●	●	●
	15	●	●	●	●	●	●	●	●
	20	●	●	●	●	●	●	●	●
	25	●	●	●	●	●	●	●	●
	30	●	●	●	●	●	●	●	●
	35	●	●	●	●	●	●	●	●
	40	●	●	●	●	●	●	●	●
	45	●	●	●	●	●	●	●	●
	50	●	●	●	●	●	●	●	●
	75			●	●	●	●	●	●
	100			●	●	●	●	●	●
Min. stroke (mm) *1		1							
Max. stroke (mm)		50		100					
Custom stroke *2		In 1 mm increments							

*1 : Less than 5 mm for 1-color LED switch and less than 10 mm for the 2-color LED, off-delay, AC
magnetic field proof, T1* or T8* switch are not available.
Refer to page 992 for the min. stroke with switch.
*2 : The total length when using a custom stroke is the same as that when using the next longer standard stroke.

How to order switch

(SW) - (T0H)

Switch model No.
(Item Ⓔ on page 994)

How to order mounting bracket

Bore size (mm) / Mounting bracket	ø20	ø25	ø32	ø40	ø50	ø63	ø80
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	ø100
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.