

# Safety Kloser (SK1000)

## Applications

- When the element of pressure gauge is damaged by corrosion or rust it is inevitable that lots of fluid are spilled out. These may cause an accident such as explosion, loss of material, poisoning, air pollution, water pollution and loss of life. Accordingly a safety device is needed to restrict or minimize the leakage of fluid in an emergency without disturbing the indication at normal operation. Excess flow check valve is applicable for that principal but low rate of leak could not make it operated.
- HISCO developed new safety closer to restrict or minimize the leak when a sudden flow occurs.
- 2 types of safety Kloser are available for each type of fluids Gases (SK1100), Liquids (SK1200) Furthermore, 2 types of Safety Kloser have function of dampener Gases (SK1300), Liquids (SK1400)



## Ordering Information for SK1000 Series

Model	Description		
SK1000	Safety Kloser		
<b>Code</b>	<b>Type</b>		
1100	Gas		
1200	Liquid		
1300	Gas (+Dampener Function)		
1400	Liquid (+Dampener Function)		
<b>Code</b>	<b>Material</b>		
C	316/316L SS		
O	Others		
<b>Code</b>	<b>Gauge Connection Style (Female)</b>	<b>Code</b>	<b>Gauge Connection Style</b>
2	PT ("R" in ISO Standard)	F	1/2"
3	PF ("G" in ISO Standard)	O	Others
4	NPT		
X	Others		
<b>Code</b>	<b>Process Connection Style (Male)</b>	<b>Code</b>	<b>Process Connection Style</b>
2	PT ("R" in ISO Standard)	F	1/2"
3	PF ("G" in ISO Standard)	H	3/4"
4	NPT	O	Others
X	Others		

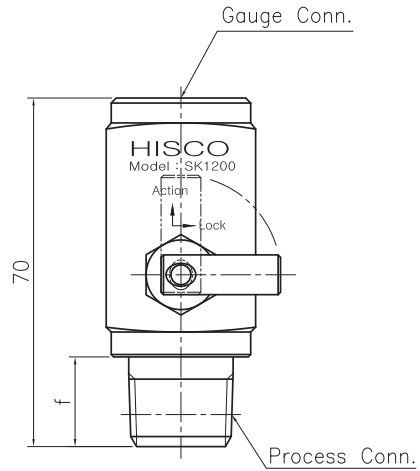
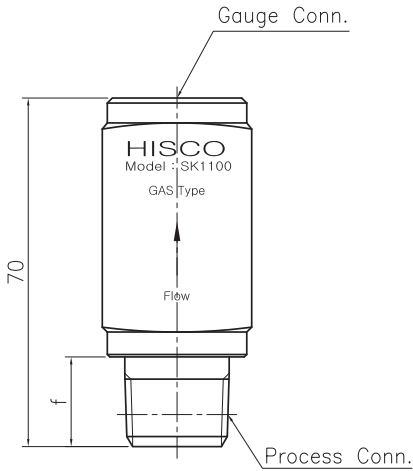
Sample Model Selection : PA090CJ2C

\* The standard specification and price are subject to change without prior notice

# Safety Kloser (SK1000)

**GAS TYPE : SK1100**

**LIQUID TYPE : SK1200**

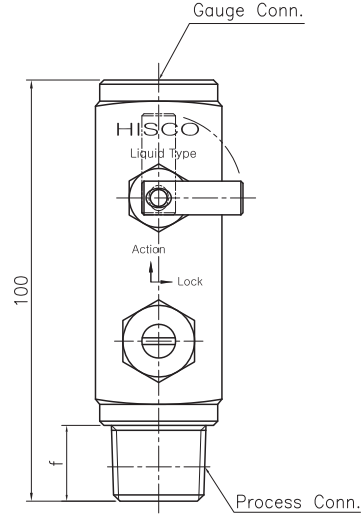
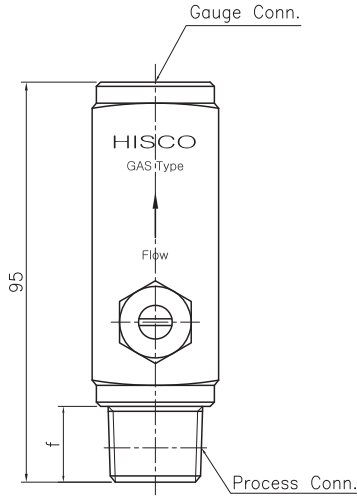


Dimensions (mm)			FLOW RATE - GAS TYPE (N L/min, Air)			FLOW RATE - LIQUID TYPE (N L/min, Water)		
Gauge Conn.	Process Conn.	f	PRESS(bar)	Trip(Min)	CLOSED(Max)	PRESS(bar)	Trip(Min)	CLOSED(Max)
PF 1/2"	PF 3/4"	22	20	30	10	20	0.05	0.02
	PF 1/2"	20	40	40	13	40		
NPT 1/2"	PF 3/4"	22	60	50	17	60		
	PF 1/2"	20	80	60	20	80		
			100	70	23	100		

# Safety Kloser (SK1000)

GAS TYPE : SK1300

LIQUID TYPE : SK1400



Dimensions (mm)			FLOW RATE - GAS TYPE (N L/min, Air)			FLOW RATE - LIQUID TYPE (N L/min, Water)		
Gauge Conn.	Process Conn.	f	PRESS(bar)	Trip(Min)	CLOSED(Max)	PRESS(bar)	Trip(Min)	CLOSED(Max)
PF 1/2"	PF 3/4"	22	20	30	10	20	0.1	0.02
	PF 1/2"	20	40	40	15	40		
NPT 1/2"	PF 3/4"	22	60	50	17	60		
	PF 1/2"	20	80	60	20	80		
		20	100	70	23	100		

**HISCO** HISCO, INC.

32, Seonyu-ro 43-gil, Yeongdeungpo-gu, Seoul, Korea  
 T : 82-2-2677-6046 F : 82-2-2672-1873 <http://www.hiscoi.com>