



SG-40 Series

Sight glass for Easy flow checking & Available anywhere

■ FEATURE

- No auxiliary relay required
- Wide range of flow rates
- Suitable for opaque liquids and sludge fluids
- Micro Switch (Option)

■ APPLICATIONS

- ▶ Chemical and Other Process Industries
- Additives (e.g. Catalysts, Surfactants, Foam-inhibitors, Emulsifiers)
- Acids, Bases, Phosphates and Other Chlorides, Sulfuric Acid Substances
- Condensate and Cooling Water
- ▶ Refinery & Gas Industry
- Nitrogen, Flue Gas, etc.
- ▶ Water Industry
- Spray Oxygen on the Aeration Basin
- Air injection to reduce iron content
- ▶ Shipbuilding and Ship
- Ballaster water

SG-40 Series General Specifications

Size	10A(3/8") ~ 100A(4")
Process Connection	KS/JIS/ASME/DIN Std Flange or Screw
Measure Fluid	Oil
Flow Ranges	Max. 1000 L/min
Range Ability	5 : 1
Fluid Temperature	Max. 80 °C (Option 200 °C)
Max. Pressure	Max. 10 kgf/㎠.G (Option 50 kgf/㎠.G)
Accuracy	±5.0 % F.S

MODEL CODE

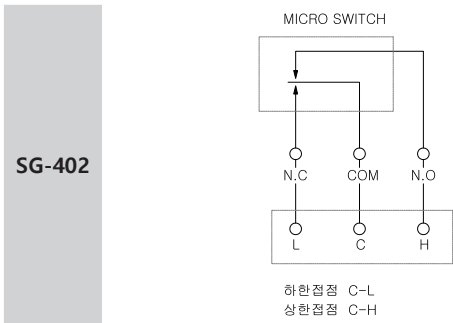
S G - 4 0	□	-	□	Specification
	1			Indicator
	2			Indicator & Contact 1p
	3			Indicator & Contact 2p
			1	Bottom to Top
			2	Top to Bottom
			3	Left to Right
			4	Right to Left

STANDARD MATERIAL

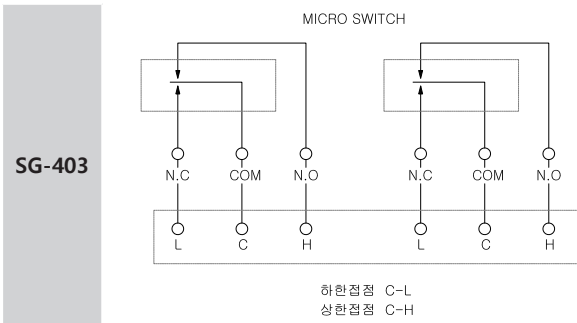
No.	Description	Material		
		A	B	C
1	Body	SS400	304SS	316SS
2	Case	ALUMINUM		
3	Display Plate			
4	Cover			
5	Flapper	304SS		316SS
6	Bolt	SS400	304SS	
7	Spring	304SS		316SS
8	Flange	SS400	304SS	316SS

MICRO SWITCH

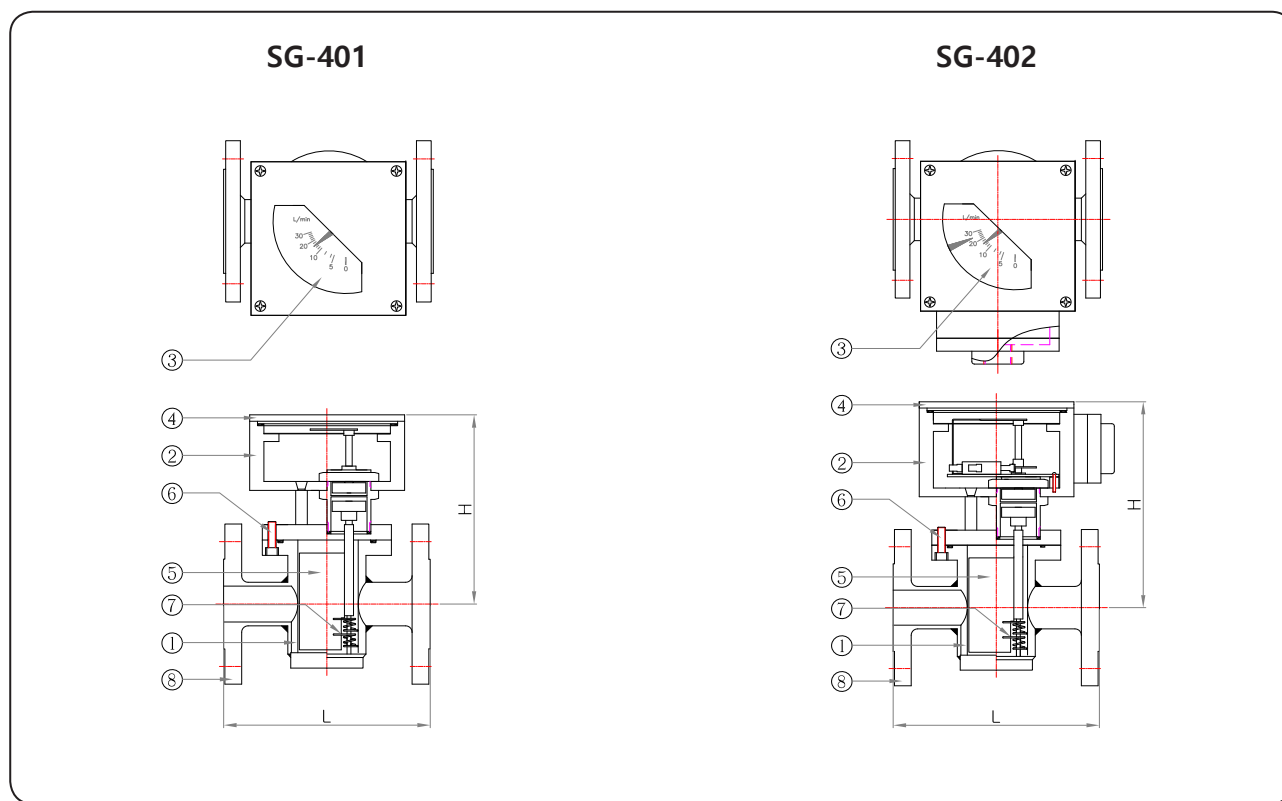
- COM-COMMON
- N.C - NORMAL CLOSE
- N.O - NORMAL OPEN



- Power
- 5 A - 1/6 HP - AC 125 V or 250 V
 - 0.5 A - DC 125 V
 - 0.25 A - DC 250 V



STRUCTURAL DRAWING



FLOW RANGES & DIMENSIONS

표준유량 (LPM)	Screw			Flange		
	D	L	H	D	L	H
0-30	PT3/8	80	100	10A	150	100
0-35	PT1/2	80	100	15A	150	100
0-50	PT3/4	90	110	20A	150	110
0-100	PT1	100	110	25A	160	110
0-150	PT1-1/4	120	120	32A	160	120
0-200	PT1-1/2	120	120	40A	160	120
0-300	-	-	-	50A	200	140

√ Standard flow rate is for oil viscosity of 150 c.s.t.