

***Flow+***

**FL31000  
and FL41000  
Limit Switch  
Boxes**



**ISO**  
9001

**CSA**

**3 YEAR** VIEW TERMS  
& CONDITIONS  
**WARRANTY**

### FL31000 Features

- Solid and Compact Design.
- Weatherproof and Corrosion Resistant NEMA 4, 4X, IP67 Enclosure.
- Captive Stainless Steel Cover Bolts.
- Green/Red Position Indicator.
- Easy adjustment of CAM position.
- 8 contacts of terminal ports.
- Dual ½" conduit entries.
- Quick-Set, Spring Loaded, Splined Cams require no tools for adjustments.
- Qty. 2 OMRON SPDT Mechanical Switches rated at 5 amps at 120 VAC / 4 amps at 30 VDC (other switches available on request).
- Approvals: UL, CSA, SEMKO, and SEV EN61058.

### FL31000 Materials

<b>Housing Cover and Body</b>	Powder Coated Painted Aluminum
<b>Shaft</b>	Stainless Steel
<b>Indicator Cover</b>	Polycarbonate
<b>Indicator</b>	ABS/Polycarbonate
<b>Cam</b>	Polycarbonate
<b>Spring</b>	Stainless Steel
<b>Housing Cover Bolt</b>	Captive Stainless Steel
<b>O-Ring</b>	NBR
<b>Bushing</b>	Bronze
<b>E-ring (shaft)</b>	Stainless Steel
<b>Ground lug</b>	Stainless Steel
<b>Bracket</b>	Stainless Steel

### FL31000 Specifications

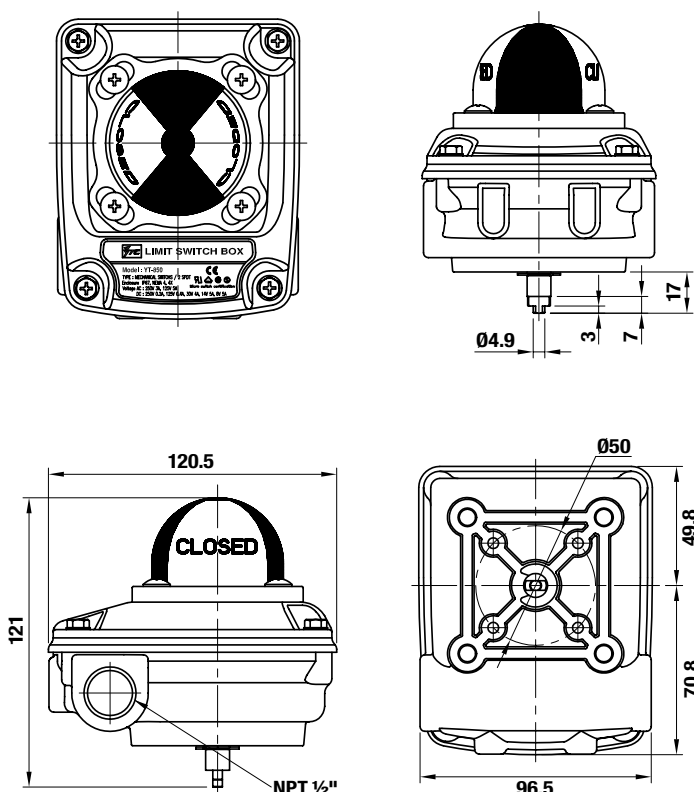
<b>Model</b>	Flow+ #FL31000
<b>Enclosure</b>	IP67, NEMA 4, 4X
<b>Type</b>	Mechanical Switch/2SPDT
<b>Voltage AC</b>	250V 3A, 125V 5A
<b>DC</b>	250V 0.2A, 125V 0.4A 30V 4A, 14V 5A, 8V 5A

### About Flow+ Limit Switch Boxes

Flow+ manufactures limit switches which are durable, versatile, cost-effective, perform well after many cycles and are perfect for extensive commercial and industrial use.

Flow+ limit switches are suitable for a full range of water, gas, steam, petrochemical and general use/utility services and applications

Flow+ limit switches feature a compact design and provide low cost solution to visual and electrical indication of rotary valve and actuator position.



### FL41000 Materials

1	Indicator	ABS
2	Cover Indicator	Poly-Carbonate
3	Housing Cover	Powder Coated Painted Aluminum
4	Housing Body	Powder Coated Painted Aluminum
5	Shaft Main	STS303
6	Plate Name	2M CH PET

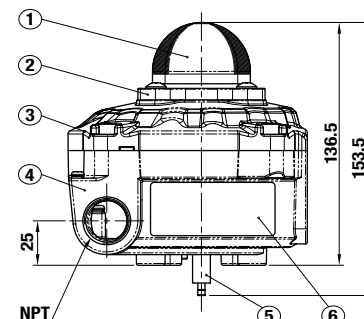
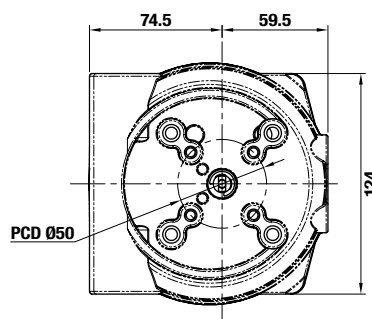
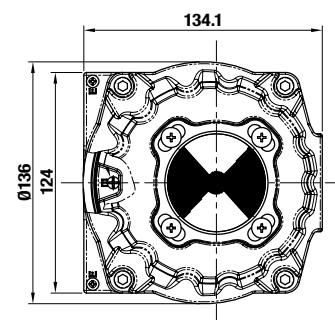
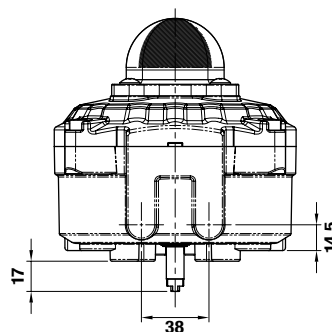
### FL41000 Specifications

Model	Flow+ #FL41000
Explosion Proof	Ex db IIC T6 / Ex tb IIIC T85°C
Enclosure	IP67
Ambient Temp.	-20°C to +60°C
Switch Type	Mechanical Switch / 2SPDT
Frequency	50~60Hz
Rating AC	250VAC 3A, 125VAC 5A
Rating DC	250V--- 0.2A, 125V--- 0.4A, 30V--- 4A, 14V--- 5A, 8V---5



### FL41000 Features

- Solid and Compact Design.
- Weatherproof and Corrosion Resistant NEMA 4, 4X, IP67 Enclosure.
- Captive Stainless Steel Cover Bolts.
- Yellow/Red Position Indicator.
- Easy adjustment of CAM position.
- 8 contacts of terminal ports.
- Dual ½" conduit entries.
- Quick-Set, Spring Loaded, Splined Cams require no tools for adjustments.
- Qty. 2 OMRON SPDT Mechanical Switches rated at 5 amps at 120 VAC / 4 amps at 30 VDC (other switches available on request).
- Approvals: UL, CSA, SEMKO, and SEV EN61058.



With a powder coated die-cast aluminum housing and captive cover bolts, Flow+ limit switches offer superior corrosion resistance.

Special printed circuit board eliminates all wiring from the switch element to the terminal while providing protection against short circuits. Complies to NAMUR mounting standards. NAMUR pattern mounting kits available. UL Listed, for both NEMA 4/4X and NEMA 7/9. NEMA 7/9 Class I Groups C&D, Class II Groups E, F & G Divisions 1 and 2. Solenoid termination inside switch box.

# Your Complete Source for Valves, Actuation, Strainers and Pressure/Temperature Gauges



- 1,2,3 Piece Ball Valves
- Flanged Floating Ball Valves
- Knife Gate Valves
- Butterfly Valves
- Actuation
- Position Switches



- Y, Basket and Temporary Strainers
- Check Valves
- Triple Duty Valves
- Foot Valves
- Expansion Joints



- Pressure Gauges and Accessories
- Thermowells and Thermocouples
- Temperature Indicators
- Needle Valves



- Cast and Forged Steel Gate, Globe and Check Valves
- Cast Iron Gate, Globe, and Check Valves
- Bronze Gate, Globe, and Check Valves
- Brass Ball Valves



- Cast Gate, Globe and Check Valves
- Forged Gate, Globe and Checks
- Threaded Ball Valves
- Flanged Ball Valves



For more information contact: