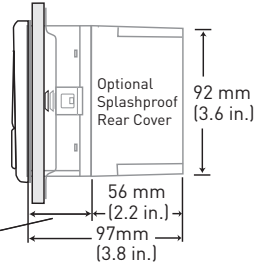
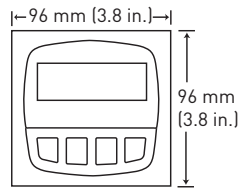


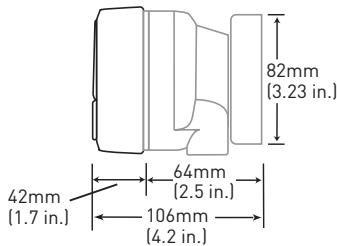
Dimensions

3-8150-1P

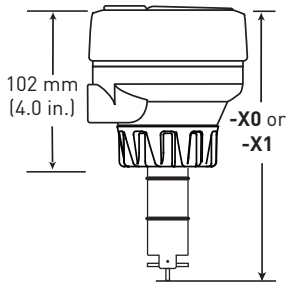
Panel Mount



3-8150-1 with universal mount



Model 515 Integral Mount Sensors - see 515 data sheet for specifications



-X0 = 152mm (6.0 in.)
-X1 = 185mm (7.3 in.)

Model 8150

Ordering Notes

- 1) For panel version, cutout must be 92 x 92 mm (3.62 x 3.62 in.)
- 2) To mount the panel version on a wall, use the heavy duty wall mount bracket.
- 3) Use the Universal mounting kit with the Field mount instrument to mount to a pipe, tank or wall.
- 4) An optional splash proof rear cover can be ordered separately if needed.

Please refer to **Wiring, Installation, and Accessories** sections for more information.

Specifications

General

Compatibility:

Signet 515 and 525 flow sensors

Input Freq. Range: 0 to 400Hz

Accuracy: ±0.5% of reading

Display: LCD type

- 4-digit upper line - flow rate
- 8-digit lower line - volume totalizer count, either resettable or permanent

Averaging: 0 to 120 secs.

Contrast: Automatic

Low Battery Indication:

Battery symbol appears on LCD display

8-digit resettable totalizers:

Stored until user resets; continues to be stored even after batteries are removed

8-digit permanent:

Kept permanently, even when batteries are removed

Materials

- Enclosure: PBT resin
- Keypad Material: Sealed 4-key silicon rubber
- Panel Case Gasket: Neoprene
- Window: Polyurethane coated polycarbonate

Electrical

Battery:

Two 3.6V Lithium thionyl chloride, A-size

Battery life:

4 years nominal @ 50 °C (122 °F)

Environmental

Operating Temperature:

-10 °C to 65 °C (14 °F to 149 °F)

Storage Temperature:

-40 °C to 100 °C (-40 °F to 212 °F)

Relative Humidity

0 to 95% Non-condensing

Enclosure: NEMA 4X/IP65 front

Shipping Weight 0.5 kg 1.1 lb

Standards and Approvals

- CE
- CUL, UL
- RoHS compliant
- Manufactured under ISO 9001 for Quality and ISO 14001 for Environmental Management

Ordering Information

Instrument Part Number	
3-8150	Battery Operated Flow Totalizer
	Field, Panel, or Integral Sensor mount - Choose One
-1	Field mount for pipe, tank, and wall mounting
-1P	Panel mount; includes mounting bracket and panel gasket
-P0*	3-8150-1 integrally mounted on Model 515 Paddlewheel (Part No. 3-8510-P0) for ½ to 4 in. pipes, with a polypropylene body, Black PVDF rotor, and Titanium pin
-P1*	3-8150-1 integrally mounted on Model 515 Paddlewheel (Part No. 3-8510-P1) for 5 to 8 in. pipes, with a polypropylene body, Black PVDF rotor, and Titanium pin
-T0*	3-8150-1 integrally mounted on Model 515 Paddlewheel (Part No. 3-8510-T0) for ½ to 4 in. pipes, with a natural PVDF body, rotor, and pin
-V0*	3-8150-1 integrally mounted on Model 515 Paddlewheel (Part No. 3-8510-V0) for ½ to 4 in. pipes, with a natural PVDF body, rotor, and Hastelloy pin
3-8150	- 1 Example Part Number

* See individual sensor sheets for more sensor information.

Mfr. Part No.	Code	Mfr. Part No.	Code
3-8150-1	159 000 929	3-8150-P1	159 000 932
3-8150-1P	159 000 930	3-8150-T0	159 001 011
3-8150-P0	159 000 931	3-8150-V0	159 001 012

Accessories and Replacement Parts

Mfr. Part No.	Code	Description
Mounting		
3-8050	159 000 184	Universal mounting kit
3-0000.596	159 000 641	Heavy duty wall mount bracket (panel mount only)
3-5000.598	198 840 225	Surface mount bracket (panel mount only)
3-8050.395	159 000 186	Splashproof rear cover (panel mount only)
Liquid Tight Connectors		
3-9000.392	159 000 368	Liquid tight connector kit (includes 3 connectors)
3-9000.392-1	159 000 839	Liquid tight connector, NPT (1 connector)
3-9000.392-2	159 000 841	Liquid tight connector, PG 13.5 (1 connector)
Other		
7400-0011	159 000 935	Lithium battery, 3.6 V, size AA (2 required)
5523-0222	159 000 392	Cable (per foot), 2 cond. w/shield, 22 AWG
Replacement Parts for Integral Mount Units - see Model 515 catalog pages for information		
3-8051	159 000 187	Flow integral mounting kit, NPT (replacement)
3-8050.390-1	159 001 702	Retaining nut replacement kit, Valox K4530
3-8050.391	159 001 703	Retaining nut replacement kit, Stainless Steel
3-8510-P0	198 864 504	Sensor for ½ to 4 in. pipes, Polypropylene body
3-8510-PI	198 864 505	Sensor for 5 to 8 in. pipes, Polypropylene body
3-8510-T0	159 000 622	Sensor for ½ to 4 in. pipes, all natural PVDF
3-8510-V0	198 864 506	Sensor for ½ to 4 in. pipes, PVDF body