



### Flow Totalisers

- All meters are self-contained and carry the FM Approval Class I, Division 1 for all group environments
- Aluminum housings are rated to 300 PSIG and are well suited for most petroleum products
- Nylon housings are rated to 150 PSIG and are used with non-aggressive chemicals and water
- All factory calibration is accurate to ± 1.5% for non-viscous fluids
- 0.3 to 3 gpm and 3.0 to 50 gpm ranges use 1" NPTF
- 30 to 300 gpm range uses 2" NPTF



HM476



Model No.	Mfg. No.	Description	Price/Each
HM479	A109GMN025NA1	Nylon Flow Meter, 0.3 to 3 gpm	
HM480	A109GMN100NA1	Nylon Flow Meter, 3 to 50 gpm	
HM476	A109GMA025NA1	Aluminum Flow Meter, 0.3 to 3 gpm	

### Flow Totalisers

- Small, powerful microprocessor-based totalisers powered by "AAA" batteries
- Large 4-digit displays mount at the nozzle
- Suited for flow ranges from 3 to 30 gpm
- Accuracy is ±5
- Nylon models, rated to 150 PSIG, are factory calibrated for water
- Aluminum models, rated to 300 PSIG, are factory calibrated for fuels
- All mount with 1" female NPT fittings



OC356



Model No.	Mfg. No.	Description	Price/Each
OC353	113255-4	Water Meter, gallons, NPT	
OC354	113255-5	Water Meter, liters, NPT	
OC355	113255-6	Water Meter, liters, ISO	
OC356	113255-1	Fuel Meter, gallons, NPT	
OC357	113255-2	Fuel Meter, liters, NPT	
OC358	113255-3	Fuel Meter, liters, ISO	

### Cable Float Switches

- Control the level of liquids in filling or draining reservoirs and tanks
- Mercury-free switch is designed with an inverter microswitch housed in a polypropylene cover
- Unit includes a counterweight to adjust the stop and start levels of pump up/pump down application
- SPST switch, 10 A at 250 VAC resistive
- NEMA4 (IP68) enclosure rating
- Mounts vertically

THZ266



Model No.	Mfg. No.	Description	Price/Each
THZ266	CFS2-DNBP-20	Cable Float Switch, 6 m (20') cable	
THZ265	CFS2-DNBP-40	Cable Float Switch, 12 m (40') cable	

### Vertical Float Level Switches

- Designed to be mounted on the top or bottom of a tank
- IP65 Rated
- Includes: Float, Stem, Washer, Nut
- Pressure Limit: 290 PSIG (20 bar)
- Working Voltage: 250 VAC, 200 VDC
- Switching Current: 0.5 A
- Fitting: 1/8" Male M10
- Electrical Wire Length: 15.8" (400 mm)
- Wire Jacket Material: Silicon for IC515 and IC516, PVC for IC517 and IC518



Model No.	Mfg. No.	Float / Stem Material	Stem Length	Float Height	Float Diameter	Operating Temperature	Price /Each
IC515	LS100	Buna-N and epoxy / 316SS	2.44" (62 mm)	0.63" (16 mm)	0.98" (25 mm)	-4 to 230°F (-20 to 110°C)	
IC516	LS200	316SS / 316SS	2.52" (64 mm)	1.02" (26 mm)	0.98" (25 mm)	-4 to 230°F (-20 to 110°C)	
IC517	LS300	Polypropylene and epoxy / Polypropylene	2.17" (55 mm)	0.83" (21 mm)	0.91" (23 mm)	-10 to 179°F (-10 to 85°C)	
IC518	LS400	Buna-N and epoxy / Polypropylene	2.17" (55 mm)	0.59" (15 mm)	0.87" (22 mm)	-10 to 179°F (-10 to 85°C)	

### Level Switches

- Hermetically sealed reed switch contacts are actuated by magnets bonded inside the float
- Change from normally open (N.O.) to normally closed (N.C.) contacts in 10 seconds or less by reversing the orientation of the float on the stem
- Switch contact ratings are suitable for direct connection to most solid state control systems and alarm/monitoring devices
- Simple relay interfaces can be employed for higher current control applications
- Switch mounts easily at the top, bottom or intermediate levels in tanks and vessels
- Mounts directly in a 1/8" NPT fitting for interior mounting
- Where exterior mounting or access is required, special adapters are available as option
- To mount at intermediate levels, combine fittings shown with any length of pipe
- Vertical mounting is recommended (not to exceed 30° from vertical)
- Electrical Ratings:  
Model HF660 and HF661: AC - 25 VA, 1.0 A, 200 V; DC - 10W, 1.0 A, 200 V;  
Model HF659 and HF658: AC - 30W, 0.14 A, 220 V; DC - 0.28 A, 24 V, 0.07 A, 120 V



HF658



Model No.	Mfg. No.	Float Material	Stem Material	Max. Temp.	Max. Pressure	Min. Sp. Gr.	Deadband	Price /Each
HF660	F7-SB	Buna-N and epoxy	316SS	220 °F (105 °C)	150 PSIG (10 bar)	0.60	1/16" (2 mm)	
HF661	F7-SS2	316SS	316SS	300 °F (149 °C)	450 PSIG (31 bar)	0.75	1/16" (2 mm)	
HF659	F7-PP	Polypropylene and epoxy	Polypropylene	220 °F (105 °C)	100 PSIG (6.9 bar)	0.60	1/8" (4 mm)	
HF658	F7-BT	Buna-N and epoxy	Polybutylene Terephthalate	220 °F (105 °C)	150 PSIG (10 bar)	0.45	1/8" (4 mm)	