

# Flow-Alert™ Flow Switches and Flow Transmitters For API Oil / Caustic and Corrosive Liquids

## ORDERING INFORMATION:

NOMINAL PORT SIZE	FLOW RANGE		MODEL NUMBER (see example below)				OPTIONS		
	GPM	LPM	API - OIL .876 (S.G.)		LIQUIDS 1.0 (S.G.)		Flow-Alert 1 SWITCH / 2 SWITCH	Flow-Alert REED SWITCH	MULTIPLE OUTPUT SENSOR
			NPTF	BSPP	NPSF	BSPP			
¼"	0.1 - 1.0	0.5 - 3.75	6000 PSI H231X - 010 - †	6000 PSI H232X - 010 - †	6000 PSI H234X - 010 - †	6000 PSI H235X - 010 - †	Not Available	SEE OPTIONS BELOW	Not Available
¼"	0.2 - 2.0	1 - 7.5	6000 PSI H231X - 020 - †	6000 PSI H232X - 020 - †	6000 PSI H234X - 020 - †	6000 PSI H235X - 020 - †	F1/F2		MR
½"	0.2 - 2.0	1 - 7.5	6000 PSI H631X - 002 - †	6000 PSI H632X - 002 - †	6000 PSI H634X - 002 - †	6000 PSI H635X - 002 - †	F1/F2		MR
	0.5 - 5.0	2 - 19	H631X - 005 - †	H632X - 005 - †	H634X - 005 - †	H635X - 005 - †			
	1 - 10	5 - 38	H631X - 010 - †	H632X - 010 - †	H634X - 010 - †	H635X - 010 - †			
	1 - 15	4 - 56	H631X - 015 - †	H632X - 015 - †	H634X - 015 - †	H635X - 015 - †			
¾"	0.2 - 2.0	1 - 7.5	5000 PSI H731X - 002 - †	5000 PSI H732X - 002 - †	5000 PSI H734X - 002 - †	5000 PSI H735X - 002 - †	F1/F2		MR
	0.5 - 5.0	2 - 19	H731X - 005 - †	H732X - 005 - †	H734X - 005 - †	H735X - 005 - †			
	1 - 10	5 - 38	H731X - 010 - †	H732X - 010 - †	H734X - 010 - †	H735X - 010 - †			
	2 - 20	10 - 76	H731X - 020 - †	H732X - 020 - †	H734X - 020 - †	H735X - 020 - †			
	3 - 30	10 - 115	H731X - 030 - †	H732X - 030 - †	H734X - 030 - †	H735X - 030 - †			
1"	0.2 - 2.0	1 - 7.5	5000 PSI H741X - 002 - †	5000 PSI H742X - 002 - †	5000 PSI H744X - 002 - †	5000 PSI H745X - 002 - †	F1/F2	MR	
	0.5 - 5.0	2 - 19	H741X - 005 - †	H742X - 005 - †	H744X - 005 - †	H745X - 005 - †			
	1 - 10	5 - 38	H741X - 010 - †	H742X - 010 - †	H744X - 010 - †	H745X - 010 - †			
	2 - 20	10 - 76	H741X - 020 - †	H742X - 020 - †	H744X - 020 - †	H745X - 020 - †			
	3 - 30	10 - 115	H741X - 030 - †	H742X - 030 - †	H744X - 030 - †	H745X - 030 - †			
	4 - 40	15 - 150	H741X - 040 - †	H742X - 040 - †	H744X - 040 - †	H745X - 040 - †			
1¼"	3 - 30	10 - 110	5000 PSI H831X - 030 - †	5000 PSI H832X - 030 - †	5000 PSI H834X - 030 - †	5000 PSI H835X - 030 - †	F1/F2	MR	
	5 - 50	20 - 190	H831X - 050 - †	H832X - 050 - †	H834X - 050 - †	H835X - 050 - †			
	10 - 75	40 - 280	H831X - 075 - †	H832X - 075 - †	H834X - 075 - †	H835X - 075 - †			
	10 - 100	50 - 380	H831X - 100 - †	H832X - 100 - †	H834X - 100 - †	H835X - 100 - †			
1½"	3 - 30	10 - 110	5000 PSI H841X - 030 - †	5000 PSI H842X - 030 - †	5000 PSI H844X - 030 - †	5000 PSI H845X - 030 - †	F1/F2	MR	
	5 - 50	20 - 190	H841X - 050 - †	H842X - 050 - †	H844X - 050 - †	H845X - 050 - †			
	10 - 75	40 - 280	H841X - 075 - †	H842X - 075 - †	H844X - 075 - †	H845X - 075 - †			
	10 - 100	50 - 380	H841X - 100 - †	H842X - 100 - †	H844X - 100 - †	H845X - 100 - †			

(example) H 734 X - 030 - F1 or F2



### Flow-Alert Flow Switches

F1 = Single Switch  
F2 = Double Switch

(example) H 734 X - 030 - RS1NO



### Flow-Alert Reed Switches

#### Options:

- RS1NO (reed switch one (1) normally open)
- RS2NO (reed switch two (2) normally open)
- RS1NC (reed switch one (1) normally closed)
- RS2NC (reed switch two (2) normally closed)

(example) H 734 X - 030 - MR



### Multiple Output Flow Sensor

3 Standard field selectable outputs  
0-5 VDC  
0-10 VDC  
4-20 mA

Flow Transmitter is factory-calibrated to provide 4 mA (0 VDC) at zero flow and 20 mA (5/10 VDC) at full flow.  
Optional 5-point calibration certificate available (see Price and Availability Digest for details).

**NOTE:** ¼" liquid meters for 0.1-1.0 GPM range available in strap-on design for RS1NO and RS1NC only.

**NOTE:** For 50% and 100% flow/pressure drop information, see page 38. For detailed pressure drop charts, see page 65 for API Oil and page 64 for Water and Other Liquids.