

Flow-Alert™ Flow Switches and Flow Transmitters For Water-based Fluids (Water/Oil Emulsions)

ORDERING INFORMATION:

NOMINAL PORT SIZE ^①	FLOW RANGE		MODEL NUMBER (see example below)			MATERIAL			OPTIONS		
	GPM	LPM	SAE	NPTF	BSPP	ALUMINUM 3500 PSI	BRASS 3500 PSI	STAINLESS	Flow-Alert 1 SWITCH / 2 SWITCH	Flow-Alert REED SWITCH	MULTIPLE OUTPUT SENSOR
¼" SAE 6	.02 - 0.2	0.1 - 0.75	H212 * - 002 - †	H213 * - 002 - †	H214 * - 002 - †	A	B	6000 PSI S	Not Available	SEE OPTIONS BELOW	Not Available
	.05 - 0.5	0.2 - 1.9	H212 * - 005 - †	H213 * - 005 - †	H214 * - 005 - †						
¼" SAE 6	0.1 - 1.0	0.5 - 3.75	H212 * - 010 - †	H213 * - 010 - †	H214 * - 010 - †	A	B	6000 PSI S	F1/F2	SEE OPTIONS BELOW	MR
	0.2 - 2.0	1.0 - 7.5	H212 * - 020 - †	H213 * - 020 - †	H214 * - 020 - †						
½" SAE 10	0.1 - 1.0	0.5 - 3.75	H612 * - 001 - †	H613 * - 001 - †	H614 * - 001 - †	A	B	6000 PSI S	F1/F2	SEE OPTIONS BELOW	MR
	0.2 - 2.0	1 - 7.5	H612 * - 002 - †	H613 * - 002 - †	H614 * - 002 - †						
	0.5 - 5.0	2 - 19	H612 * - 005 - †	H613 * - 005 - †	H614 * - 005 - †						
	1 - 10	5 - 38	H612 * - 010 - †	H613 * - 010 - †	H614 * - 010 - †						
	1 - 15	4 - 56	H612 * - 015 - †	H613 * - 015 - †	H614 * - 015 - †						
¾" SAE 12	0.2 - 2.0	1 - 7.5	H712 * - 002 - †	H713 * - 002 - †	H714 * - 002 - †	A	B	5000 PSI S	F1/F2	SEE OPTIONS BELOW	MR
	0.5 - 5.0	2 - 19	H712 * - 005 - †	H713 * - 005 - †	H714 * - 005 - †						
	1 - 10	5 - 38	H712 * - 010 - †	H713 * - 010 - †	H714 * - 010 - †						
	2 - 20	10 - 76	H712 * - 020 - †	H713 * - 020 - †	H714 * - 020 - †						
	3 - 30	10 - 115	H712 * - 030 - †	H713 * - 030 - †	H714 * - 030 - †						
1" SAE 16	0.2 - 2.0	1 - 7.5	H782 * - 002 - †	H783 * - 002 - †	H784 * - 002 - †	A	B	5000 PSI S	F1/F2	SEE OPTIONS BELOW	MR
	0.5 - 5.0	2 - 19	H782 * - 005 - †	H783 * - 005 - †	H784 * - 005 - †						
	1 - 10	5 - 38	H782 * - 010 - †	H783 * - 010 - †	H784 * - 010 - †						
	2 - 20	10 - 76	H782 * - 020 - †	H783 * - 020 - †	H784 * - 020 - †						
	3 - 30	10 - 115	H782 * - 030 - †	H783 * - 030 - †	H784 * - 030 - †						
	4 - 40	15 - 150	H782 * - 040 - †	H783 * - 040 - †	H784 * - 040 - †						
	5 - 50	20 - 190	H782 * - 050 - †	H783 * - 050 - †	H784 * - 050 - †						
	5 - 50	20 - 190	H782 * - 050 - †	H783 * - 050 - †	H784 * - 050 - †						
1¼" SAE 20	3 - 30	10 - 110	H812 * - 030 - †	H813 * - 030 - †	H814 * - 030 - †	A	B	5000 PSI S	F1/F2	SEE OPTIONS BELOW	MR
	5 - 50	20 - 190	H812 * - 050 - †	H813 * - 050 - †	H814 * - 050 - †						
	10 - 75	40 - 280	H812 * - 075 - †	H813 * - 075 - †	H814 * - 075 - †						
	10 - 100	50 - 380	H812 * - 100 - †	H813 * - 100 - †	H814 * - 100 - †						
	10 - 150	50 - 560	H812 * - 150 - †	H813 * - 150 - †	H814 * - 150 - †						
1½" SAE 24	3 - 30	10 - 110	H882 * - 030 - †	H883 * - 030 - †	H884 * - 030 - †	A	B	5000 PSI S	F1/F2	SEE OPTIONS BELOW	MR
	5 - 50	20 - 190	H882 * - 050 - †	H883 * - 050 - †	H884 * - 050 - †						
	10 - 75	40 - 280	H882 * - 075 - †	H883 * - 075 - †	H884 * - 075 - †						
	10 - 100	50 - 380	H882 * - 100 - †	H883 * - 100 - †	H884 * - 100 - †						
	10 - 150	50 - 560	H882 * - 150 - †	H883 * - 150 - †	H884 * - 150 - †						

① Fractional sizes apply to NPTF and BSPP.

(example) H 713 **A** - 030 - **F1** or **F2**



Flow-Alert Flow Switches

F1 = Single Switch
F2 = Double Switch

(example) H 701 **A** - 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 713 **A** - 030 - **MR**



Multiple Output Flow Sensor

3 Standard field selectable outputs

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

NOTE: ¼" liquid meters for .02-0.2 and .05-0.5 GPM ranges available in strap-on design for RS1NO and RS1NC only.

NOTE: For 50% and 100% flow/pressure drop information, see page 32. For detailed flow/pressure drop charts, see page 63.