

Flow-Alert™ Flow Switches and Flow Transmitters

For Air / Compressed Gases

ORDERING INFORMATION:

NOMINAL PORT SIZE ^①	FLOW RANGE		MODEL NUMBER (see example below)			MATERIAL			OPTIONS		
	SCFM	L/SEC	SAE	NPTF	BSPP	ALUMINUM 1000 PSI	BRASS 1000 PSI	STAINLESS 1500 PSI	Flow-Alert 1 SWITCH / 2 SWITCH	Flow-Alert REED SWITCH	MULTIPLE OUTPUT SENSOR
¼" SAE 6	0.5 - 5	0.2 - 2.2	H270 * - 005 - †	H271 * - 005 - †	H272 * - 005 - †	A	B	S	Not Available	SEE OPTIONS BELOW	Not Available
	1 - 10	0.5 - 4.75	H270 * - 010 - †	H271 * - 010 - †	H272 * - 010 - †						
	2 - 20	1 - 9	H270 * - 020 - †	H271 * - 020 - †	H272 * - 020 - †						
	3 - 30	1.5 - 14	H270 * - 030 - †	H271 * - 030 - †	H272 * - 030 - †						
¼" SAE 6	3 - 25	2 - 12	H270 * - 025 - †	H271 * - 025 - †	H272 * - 025 - †	A	B	S	F1/F2	SEE OPTIONS BELOW	MR
	5 - 50	3 - 22	H270 * - 050 - †	H271 * - 050 - †	H272 * - 050 - †						
½" SAE 10	3 - 25	2 - 12	H670 * - 025 - †	H671 * - 025 - †	H672 * - 025 - †	A	B	S	F1/F2	SEE OPTIONS BELOW	MR
	5 - 50	3 - 22	H670 * - 050 - †	H671 * - 050 - †	H672 * - 050 - †						
	10 - 100	5 - 47	H670 * - 100 - †	H671 * - 100 - †	H672 * - 100 - †						
	15 - 150	7 - 70	H670 * - 150 - †	H671 * - 150 - †	H672 * - 150 - †						
¾" SAE 12	3 - 25	1.5 - 11.5	H770 * - 025 - †	H771 * - 025 - †	H772 * - 025 - †	A	B	S	F1/F2	SEE OPTIONS BELOW	MR
	5 - 50	2 - 23	H770 * - 050 - †	H771 * - 050 - †	H772 * - 050 - †						
	10 - 100	5 - 47.5	H770 * - 100 - †	H771 * - 100 - †	H772 * - 100 - †						
	15 - 150	7 - 70	H770 * - 150 - †	H771 * - 150 - †	H772 * - 150 - †						
	25 - 250	10 - 118	H770 * - 250 - †	H771 * - 250 - †	H772 * - 250 - †						
1" SAE 16	3 - 25	1.5 - 11.5	H790 * - 025 - †	H791 * - 025 - †	H792 * - 025 - †	A	B	S	F1/F2	SEE OPTIONS BELOW	MR
	5 - 50	2 - 23	H790 * - 050 - †	H791 * - 050 - †	H792 * - 050 - †						
	10 - 100	5 - 47.5	H790 * - 100 - †	H791 * - 100 - †	H792 * - 100 - †						
	15 - 150	7 - 70	H790 * - 150 - †	H791 * - 150 - †	H792 * - 150 - †						
	25 - 250	10 - 118	H790 * - 250 - †	H791 * - 250 - †	H792 * - 250 - †						
1¼" SAE 20	20 - 200	10 - 95	H870 * - 200 - †	H871 * - 200 - †	H872 * - 200 - †	A	B	S	F1/F2	SEE OPTIONS BELOW	MR
	40 - 400	20 - 180	H870 * - 400 - †	H871 * - 400 - †	H872 * - 400 - †						
	60 - 600	30 - 280	H870 * - 600 - †	H871 * - 600 - †	H872 * - 600 - †						
	80 - 800	50 - 350	H870 * - 800 - †	H871 * - 800 - †	H872 * - 800 - †						
	100 - 1000	50 - 475	H870 * - 999 - †	H871 * - 999 - †	H872 * - 999 - †						
1½" SAE 24	20 - 200	10 - 95	H890 * - 200 - †	H891 * - 200 - †	H892 * - 200 - †	A	B	S	F1/F2	SEE OPTIONS BELOW	MR
	40 - 400	20 - 180	H890 * - 400 - †	H891 * - 400 - †	H892 * - 400 - †						
	60 - 600	30 - 280	H890 * - 600 - †	H891 * - 600 - †	H892 * - 600 - †						
	80 - 800	50 - 350	H890 * - 800 - †	H891 * - 800 - †	H892 * - 800 - †						
	100 - 1000	50 - 475	H890 * - 999 - †	H891 * - 999 - †	H892 * - 999 - †						

① Fractional sizes apply to NPTF and BSPP.

(example) H 771 A - 250 - F1 or F2



Flow-Alert Flow Switches

F1 = Single Switch
F2 = Double Switch

(example) H 771 A - 250 - 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).

(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)

NOTE: ¼" air meters for .05-5, 1-10, 2-20 and 3-30 SCFM ranges available in strap-on design for RS1NO and RS1NC only.



CAUTION: High flow gas shock may decouple indicator.

NOTE: For 50% and 100% flow/pressure drop information, see page 40. For detailed flow/pressure drop charts, see page 66.