



Fluid Flow Switches



Standard Flow—For use with 1" or greater pipe size. 35LZ20 is a low-energy switch with gold-plated contacts for improved electrical performance in low-voltage, low-current circuits (dry circuits) to switch low-energy resistive loads, such as control signals.

Low Flow—For use with 1" or smaller pipe size.

Min. Flow Rate (gpm)	Max. Flow (gpm)	Switch Encl.	Connec. Size (in.)	Mr. Model	Item No.
Standard Flow					
2.5 gpm	760 gpm	NEMA 3R	1 MNPT	F261KAH-V01C	35LZ18
				F261MAL-V01C	35LZ20
				F261MAH-V01C	35LZ21
Low Flow					
0.6 gpm	17 gpm	NEMA 3R	1/2 FNPT x 1/2 FNPT	F261KEH-V01C	35LZ12
				F261KEH-V01C	35LZ13
				F261KEH-V01C	35LZ14
				F261MEH-V01C	35LZ15
				F261MEH-V01C	35LZ16
				F261MFH-V01C	35LZ16



Air Flow Switch

- SPDT
- Max. air velocity: 2000 fpm
- Max. ambient temp.: 104°F

Detects duct air flow (or absence) by velocity of air movement. Features trimmable 1-pc. stainless steel paddle and range-adjusting screw for field adjustment. Gasket included.

Paddle Size	Full Load Amps @ 115/230V	Min. Actuation Velocity	Horizontal	Vertical	Mr. Model	Item No.
2 1/2" x 6"	16.0/8.0	500 fpm (> 50 sq in duct area)	750 fpm (> 50 sq in duct area)	F262KDH-01C	35LY69	

ASHCROFT *Dwyer*
Air Pressure Controls

Low-Pressure Transducers—Measure static and differential pressure of clean, dry, noncorrosive gases in HVAC ducts and other applications. LED power status indicator. Detachable terminal block simplifies wiring. NEMA 1 ABS housing has 1/4" barbed male fittings. Proof pressure 15 psi, burst pressure 25 psi.

- Accuracy: 0.8% full scale
- 4 to 20mA output



2AGD4

Pressure Range (in. WC)	Mr. Model	Item No.
Ashcroft, Low-Pressure Transducers		
0 to 0.1	CX8MB242P1IW	2AGD4
0 to 0.25	CX8MB242P25IW	2AGD5
0 to 0.5	CX8MB242P5IW	2AGD6
0 to 1	CX8MB242I1IW	2AGD7
0 to 3	CX8MB2423IW	2AGD8
0 to 5	CX8MB2425IW	2AGD9
0 to 10	CX8MB24210IW	2AGE1
-0.1 to 0 to 0.1	CX8MB242P1IWL	2AGE2
-0.25 to 0 to 0.25	CX8MB242P25IWL	2AGE3
-0.5 to 0 to 0.5	CX8MB242P5IWL	2AGE4
-1 to 0 to 1	CX8MB2421IWL	2AGE5
-2 to 0 to 2	CX8MB2422IWL	2AGE6
-5 to 0 to 5	CX8MB2425IWL	2AGE7

Description	For Use With	Item No.
Accessories		
Ashcroft, Conduit Connection Kit	CXLdp Differential Pressure Transmitter	2AGE8
Dwyer Instruments, Display Upgrade Kit	Dwyer MS Magnesium Differential Pressure Transmitters	1AEW3

Liquid Level Float Switches

A change in the liquid level will open or close an electrical circuit, and allows you to maintain the proper liquid level in a closed tank.



35LZ10



Switch Type	Max. Pressure (psi)	Max. Temp. (°F)	Mr. Model	Item No.
SPDT	100	250	F263MAC-V01C	35LZ10
SPDT	150	212	F263MAP-V01C	35LZ11



3ZM96



6XPX7



3ZM92



2EJN1



Robertshaw **SIEMENS**

Pressure-Sensing Switches and Probes

PRESSURE-SENSING SWITCHES

Mount with diaphragm in vertical plane. Sense positive, negative, or differential air pressure. Negative pressure rating same as positive.

HVAC OEM and HVAC General Purpose

For residential, light commercial mid-efficiency furnaces, and direct digital control (DDC) applications. 2E462 includes ferrules, one 12" length of 1/4" O.D. flexible tubing, and 1/4" O.D. tubing nuts.

For computer environments, direct digital control, or where low-ampere currents are wired.

STATIC AND TOTAL PRESSURE PROBES

Passive probes sense pressure as air flow aspirates across the probe tip opening.

Impact probes sense negative or positive pressure, depending on the angle of the probe tip opening.

Type	Switch Type	Pressure Setting Range (in. WC)	Sample Line Connector	Brand	Mr. Model	Item No.	
Pressure-Sensing Switches (Manometer Required to Set Final Pressure)							
HVAC OEM	SPDT	0.25 to 1.0	Barbed	Cleveland Controls	RSS-495-014	3ZM96	
		1.0 to 4.0	Barbed		RSS-498-015	3ZM97	
		0.10 - 10.0	1/4 in OD		NS2-0000-05	6XPX7	
		0.05	Barbed		DFS-221-112-395	6XPX9	
		0.05 to 12.0	Integral Compression		AFS-222-139	3ZM92	
	SPDT	0.12 to 5.0	Barbed	Johnson Controls	RFS-4150	4X870	
		0.15 to 12.0	1/8 - 27 NPT		P32AC-1C	40G362	
			1/2 in CC		P32AC-2C	40G363	
			1/2 in CC		P32AC-8C	40G364	
			1/8 - 27 NPT		P32AF-1C	40G365	
HVAC/General Purpose	SPDT	0.05 to 12.0	Integral Compression	Columbus Electric	P32AF-2C	40G366	
		0.05 to 12.0	Integral Compression		GRH3AD	2E462	
		0.25 to 1.0	Barbed		2374-495	6XJU0	
		1.0 to 4.0	Barbed		2374-498	6XJU1	
		0.05 to 12.0	Integral Compression		2374-499	6XJU2	
	(2) SPST NC	SPDT	0.05	1/4 in Slip-On	Robertshaw	2374-500	6XJU3
			0.06 to 0.8	Integral Compression		2374-502	6XJU5
			0.15 +/- .002 to 5.0	Integral Compression		2374-506	6XJU9
			0.05 to 12.0	Integral Compression		2374-507	6XJU0
			0.05 to 12.0	Integral Compression		2374-508	6XJV1
Gold Contact	SPST	0.05 to 12.0	Integral Compression	Cleveland Controls	2374-509	6XJV2	
		0.05 to 12.0	Integral Compression		AFS-405-140	3ZM93 *	
Manual Reset	SPST NC	1 to 12.0	1/4 in OD	Siemens	2374-503	6XJU6	
		0.4 to 12.0	Integral Compression		141-0575	40P37	
Auto Reset	SPDT	0.4 to 12.0	Integral Compression	Cleveland Controls	AFS-460-142	3ZM94 *	
		0.05 to 1.0	1/4 in OD		2374-504	6XJU7	
				Siemens	141-0574	2KGR4 *	

Insertion Length (in.)	Exterior Length (in.)	Overall Length (in.)	STATIC PRESSURE PROBES		TOTAL PRESSURE PROBES	
			Without Metal Barbed Hose Adapter Item No.	With Metal Barbed Hose Adapter Item No.	Without Metal Barbed Hose Adapter Item No.	With Metal Barbed Hose Adapter Item No.
1 1/2 in	1 3/4 in	3 1/4 in	2EJK2	2EJN1	2EJL1	2EJN9
2 in	1 1/4 in	3 1/4 in	—	2EJN2	2EJL2	2EJP1
3 1/2 in	1 3/4 in	5 1/4 in	2EJK4	2EJN3	2EJL3	2EJP2
4 in	1 1/4 in	5 1/4 in	2EJK5	2EJN4	2EJL4	2EJP3
5 1/2 in	1 3/4 in	7 1/4 in	—	2EJN5	2EJL5	2EJP4
6 in	1 1/4 in	7 1/4 in	2EJK7	2EJN6	2EJL6	2EJP5
7 1/2 in	1 3/4 in	9 1/4 in	2EJK8	—	2EJL7	—
8 in	1 1/4 in	9 1/4 in	2EJK9	2EJN8	2EJL8	2EJP7

* 2 slip-on tubing adapters and mounting screws included.

Item	Includes	Mr. Model	Item No.
Cleveland Controls, Accessories			
Pressure/Vacuum Generator	Batteries, Hand Held Attached Case, Tubing Kit	PVG-1	49Z265
Universal Sensing Probe Kit	3 Ft 1/4 Tubing, Mounting Flange, Mounting Screws, Set Screw, Slip On Adaptor, Universal 7 in Probe	60681-396	6XPX8