

Pressure and Temperature switches and transducers are designed to control other devices electrically based on pressure and temperature input. Pressure switches can come in various configurations such as:

- Adjustable deadband (independent adjustable set and reset points) pressure switch operation.
- Fixed deadband (adjustable set points and fixed reset points) pressure switch operation
- Two-stage fixed deadband (2 independent switches with adjustable set points and fixed reset points) pressure switch operation
- Limited adjustable deadband (adjustable set and reset points over a defined limited deadband) pressure and temperature switch operation
- Temperature switches use a sealed chemical system to actuate the switch based on temperature changes
- H Series miniature pressure switches 1/8" to 1/4"
- P Series midsize pressure and temperature switches 1/4" to 1/2"
- S Series industrial grade pressure switches 1/4"

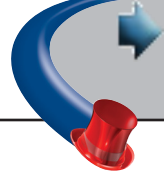


## H Series Pressure Switches 1/8" - 1/4"

Pipe Size (ins.)	Adjustable Operating Range (psi)	Deadband Range (psi)	Proof Pressure (psi)	Catalog Number and Ordering Code	Type of Operation	Approx. Shipping Weight (lbs.)
<b>Adjustable Deadband</b>						
1/8	4-12	1.6	250	HB46A215	Open Frame	0.8
	4-12	3.0	250	HB46A215L		
	8-25	1.8	250	HB36A215		
	8-25	3.6	250	HB36A215L		
	35-80	3.5	250	HB16A215		
	20-50	2.4	250	HB26A215		
	40-120	7.0	250	HC26A215		
	80-100	10.0	250	HC16A215		
1/4	4-12	1.6	250	HB40A214	General Purpose Enclosure	1.6
				HB46A214	Open Frame	0.8
	8-25	1.8	250	HB30A214	General Purpose Enclosure	1.6
				HB36A214	Open Frame	0.8
	35-80	3.5	250	HB16A214		
	20-50	2.4	250	HB26A214		
	40-120	7.0	250	HC20A214	General Purpose Enclosure	1.6
				HC26A214	Open Frame	0.8

# P Series Pressure Switches 1/4"

Transducer Pipe Size (ins.)	Switch Pressure Operating Range (psi)	Proof Pressure (psi)	Minimum Deadband (psi)	Separation Range (psi)	Enclosure Type	Pressure Switch Catalog Number and Order Code	Approx. Shipping Weight (lbs.)	Transducer Part Number and Order Code					Approx. Shipping Weight (lbs.)		
								Air or Gas	Air, Gas, or Oil	Water, Air, Oil, or Gas	Corrosive Fluids				
								Nylon & NBR	AL & NBR	BR & NBR	All 316 SS	316 SS & FKM			
<b>Adjustable Deadband</b>															
1/4	2-18	60	1.8	-	GP	PA20A	2	-	RD20A11	RD20A21	-	-	1.0		
	4-36	150	4.0	-	GP	PA20A	2	-	RE20A11	-	-	-			
	6-60	150	5.4	-	OF	PA16A	1.3	RE10A71	-	RE10A21	-	-			
					GP	PA10A	2	RE10A71	-	RE10A21	-	-			
	10-100	200	9	-	WT	PA11B	2.5	RE10A71	-	RE10A21	-	-			
					OF	PA16A	1.3	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42			
	20-200	400	18	-	GP	PA10A	2	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42			
					WT	PA11B	2.5	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42			
	40-400	500	36	-	OF	PA16A	1.3	-	RG10A11	RG10A21	-	-			
					GP	PA10A	2	-	RG10A11	RG10A21	-	-			
					WT	PA11B	2.5	-	RG10A11	RG10A21	-	-			
					OF	PA16A	1.3	-	-	RJ10A21	-	-			
	1/4	30"HG-14	50	1"HG	-	GP	PB26A	2	-	-	RV24A21	-		-	1.0
						WT	PB21B	2.5	-	-	RV24A21	-		-	
0-9		60	.4	-	OF	PB36A	1.3	-	-	RD30A21	-	-			
					WT	PB31B	2.5	-	-	RD30A21	-	-			
2-18		60	.4	-	GP	PB20A	2	-	RD20A11	RD20A21	-	-			
					GP	PB21B	2	-	RD20A11	RD20A21	-	-			
		100	.6	-	OF	PB26A	1.3	-	RD20A11	RD20A21	-	-			
					OF	PB36A	1.3	-	-	-	RE30A44	-			
4-36		150	.7	-	WT	PB31B	2.5	-	-	-	RE30A44	-			
					GP	PB20A	2	-	RE20A11	-	-	-			
6-60		150	.9	-	GP	PB21B	2	-	RE20A11	-	-	-			
					OF	PB26A	1.3	-	RE20A11	-	-	-			
					OF	PB16A	1.3	RE10A71	-	RE10A21	-	-			
10-100		200	1.5	-	GP	PB10A	2	RE10A71	-	RE10A21	-	-			
	WT				PB11B	2.5	RE10A71	-	RE10A21	-	-				
	OF				PB16A	1.3	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42				
20-200	400	3.0	-	GP	PB10A	2	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42				
				WT	PB11B	2.5	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42				
				OF	PB16A	1.3	-	RG10A11	RG10A21	-	-				
40-400	500	6	-	GP	PB10A	2	-	RG10A11	RG10A21	-	-				
				WT	PB11B	2.5	-	RG10A11	RG10A21	-	-				
				OF	PB16A	1.3	-	-	RJ10A21	-	-				
60-600	2000	12	-	GP	PB10A	2	-	-	RJ10A21	-	-				
				WT	PB11B	2.5	-	-	RJ10A21	-	-				
				OF	PB26A	1.3	-	-	RL20A21	-	-				
1/4	4-36	150	2.0	3.6	GP	PC10A	2	RE10A71	-	RE10A21	-	-	1.0		
					WT	PC11B	2.5	RE10A71	-	RE10A21	-	-			
	6-60	150	2.4	6.0	GP	PC10A	2	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42			
					WT	PC11B	2.5	RF10A71	RF10A11	RF10A21	RF10A44	RF10A42			
	10-100	200	4	10	GP	PC10A	2	-	RG10A11	RG10A21	-	-			
					WT	PC11B	2.5	-	RG10A11	RG10A21	-	-			
	20-200	400	8	20	GP	PC10A	2	-	-	RJ10A21	-	-			
					WT	PC11B	2.5	-	-	RJ10A21	-	-			
	40-400	500	16	40	GP	PC10A	2	-	-	-	-	-			
					WT	PC11B	2.5	-	-	-	-	-			
	60-600	2000	30	60	WT	PC21B	2.5	-	-	RL20A21	-	-			
	<b>Limited Adjustable Deadband</b>														
	1/4	100-1000	5000	65-100	-	OF	PG16A	1.3	-	-	RL10A21	-		-	1.0
						GP	PG10A	2	-	-	RL10A21	-		-	
600-6000		9000	300-500	-	OF	PG16A	1.3	-	-	-	RQ10B42				
					GP	PG10A	2	-	-	-	RQ10B42				



## S Series Pressure Switches 1/4"

Pipe Size (ins.)	Adjustable Switch Operating Range (psi)	Proof Pressure (psi)	Minimum Deadband (psi)	Separation Range (psi)	Enclosure Type	Pressure Switch Catalog Number and Ordering Code	Approx. Shipping Weight (lbs.)	Transducer Part Number and Order Code			Approx. Shipping Weight (lbs.)
								Air, Gas, or Oil	Water, Air, Oil, or Gas	Corrosive Fluids	
								AL & NBR	BR & NBR	All 316 SS	
<b>Adjustable Deadband</b>											
1/4	1.0-18	100	1.1	-	GP	SA20D	3	TD20A11	-	-	1.0
					WT	SA21D	3	TD20A11	-	-	
	1.5-36	150	2.2	-	GP	SA20D	3	TE20A11	-	-	
					WT	SA21D	3	TE20A11	-	-	
	2-60	150	3.6	-	GP	SA10D	3	-	TE10A21	-	
					WT	SA11D	3	-	TE10A21	-	
					EF	SA12D	3.5	-	TE10A21	-	
	3-100	200	6.0	-	GP	SA10D	3	TF10A11	TF10A21	TF10A44	
					WT	SA11D	3	TF10A11	TF10A21	TF10A44	
					EF	SA12D	3.5	TF10A11	TF10A21	TF10A44	
	6-200	400	12	-	GP	SA10D	3	-	TG10A21	-	
					WT	SA11D	3	-	TG10A21	-	
EF					SA12D	3.5	-	TG10A21	-		
<b>Fixed Deadband</b>											
1/4	2-60	150	1.5	-	EF	SB12D	3.5	-	TE10A21	-	1.0
					WT	SB11D	3	TF10A11	TF10A21	TF10A44	
	3-100	200	2.5	-	EF	SB12D	3.5	TF10A11	TF10A21	TF10A44	
					WT	SB11D	3	-	TG10A21	-	
6-200	400	5.0	-	WT	SB11D	3	-	TG10A21	-		
				EF	SB12D	3.5	-	TG10A21	-		
<b>Two-Stage Fixed Deadband</b>											
1/4	2-60	150	2.2	6	WT	SC11D	3	-	TE10A21	-	1.0
	3-100	200	3.5	10	WT	SC11D	3	TF10A11	TF10A21	TF10A44	
	6-200	400	7.0	20	WT	SC11D	3	-	TG10A21	-	
<b>Manual Reset on Decreasing Pressure</b>											
1/4	2-60	150	3.6	-	GP	SD10D	3	-	TE10A21	-	1.0
	3-100	200	6.0	-	GP	SD10D	3	TF10A11	TF10A21	TF10A44	
	6-200	400	12	-	GP	SD10D	3	-	TG10A21	-	

## P Series Temperature Switches 1/2"

Pipe Size (ins)	Adjustable Operating Range °F	Rated Overrange Temp °F	Deadband Type	Deadband Range °F	Temperature Switch Catalog Number and Order Code		Temperature Transducer Catalog Number and Order Code	
					Open Frame	General Purpose	Copper	316 SS
					PG16A	PG10A	KF10A1	-
1/2	50-160	260	Limited Adjustable	6-12	PG16A	PG10A	KF10A1	-

Order Code	Description
PP03	P Series Mounting Bracket
QP01	Temperature Transducer 1/2" Brass S Union
QP07	Temperature Transducer 1/2" Stainless Steel (2) 1/2 UDW
RD40A11	P Series Replacement Pressure Transducer
SP02	S Series Pressure Switch Adjustment Nut Cover
TA31A11	S Series Replacement Pressure Transducer

## How to Order P and S Series Pressure Switches

1. Review the operating specifications.
2. Select the Pressure Switch Order Code corresponding to the desired operation.
3. **Read across** and select the Transducer **Order Code** for the compatible fluid.
4. Pressure Switch and Transducer unit have to be ordered separately.
5. The third digit of each of the catalog numbers must be identical e.g., PA36A and RD30A11.

Components will ship separate; minor field assembly is required.

