

**Description & Features:**

- General Purpose, watertight pressure switch
- Low pressure to 4,000 psi
- High current ratings for 1 x SPDT or 2 x SPDT switches
- Fixed or adjustable deadband options
- Die cast aluminum construction with welded seal
- 1% accuracy
- NEMA 4, 4X & IP66 rated
- RU recognized (switch only)
- CRN registration pending
- 5 year warranty

Applications:

- Suitable for pump and compressor monitoring, HVAC systems and general industrial applications.

Specifications	
Housing	Heavy-duty die-cast aluminum, blue colour
Accuracy	+/- 1% of the adjustable set-point range
Pressure Connection	Female 1/4" or 1/2" NPT, BSP and M20xP1.5
Electrical Connection	Female 1/2" or 3/4" NPT, M20xP1.5
Wetted Parts	316 Stainless Steel welded
Set Point Adjustment	Field selectable
Deadband	Fixed or Adjustable, see Order Codes below
Contact Rating	Fixed Deadband: 15A @ 125/250VAC, 0.4A @ 125VDC, 3A @ 30VDC Gold contact microswitch 1A @ 125/250VAC Adjustable Deadband: 20A @ 125/250/480VAC, 5A @ 125VDC
No. of Contacts	1 x SPDT or 2 x SPDT (only 1 x SPDT available for Adjustable Deadband range)
Ambient/Process Temperature	-30 to 205 deg C (-22 to 400 deg F)
Enclosure Rating	NEMA 4 & 4X, IP66 Protection against liquid and solid ingress, suitable for indoor or outdoor use and resistant to corrosion
Approvals	RU recognized (switch only) file #E12252, CRN registration pending
Weight	3.4 lbs (1.54 kg)

General Purpose and Adjustable Deadband Pressure Switch

2WPS &
2WPSA

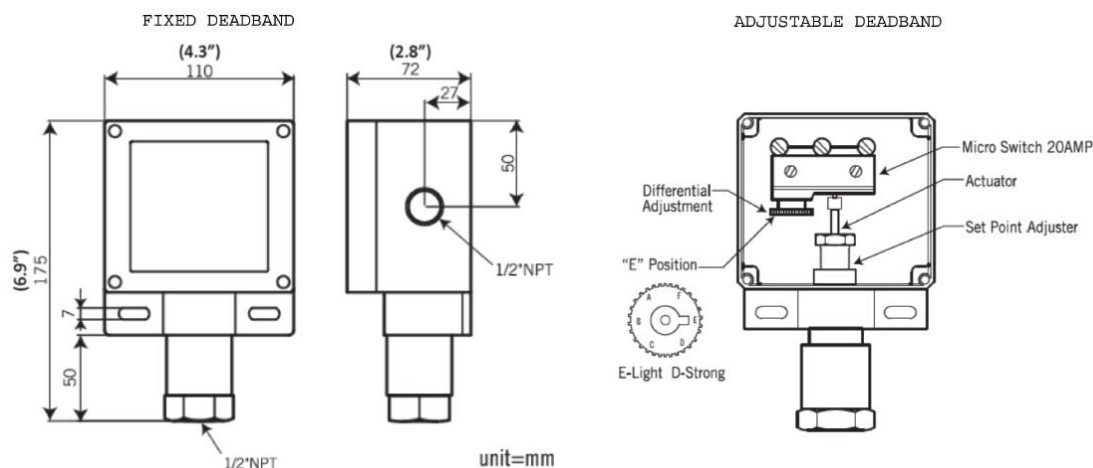
Electronic
Pressure Switches

Order Codes

Adjustable Range PSI	Fixed Dead Band PSI	Proof Pressure PSI	1/2" NPT Electrical	
			1/4" NPT Process	1/2" NPT Process
10-100	2.8-6.4	3,000	2WPS0106F4F201	2WPS0106F2F201
35-200	4.3-7.0	3,000	2WPS0206F4F201	2WPS0206F2F201
50-300	4.3-7.0	3,000	2WPS0306F4F201	2WPS0306F2F201
100-600	5.0-15	3,000	2WPS0606F4F201	2WPS0606F2F201
100-1,300	14.2-56.8	3,000	2WPS1306F4F201	2WPS1306F2F201
300-2,400	14.2-71	4,000	2WPS2406F4F201	2WPS2406F2F201
400-4,000	23.6-117.9	5,000	2WPS4006F4F201	2WPS4006F2F201

Adjustable Range PSI	Adjustable Dead Band E-position PSI	Proof Pressure PSI	1/2" NPT Electrical	
			1/4" NPT Process	1/2" NPT Process
10-100	10-25	3,000	2WPSA0106F4F201	2WPSA0106F2F201
35-200	12-30	3,000	2WPSA0206F4F201	2WPSA0206F2F201
50-300	28-50	3,000	2WPSA0306F4F201	2WPSA0306F2F201
100-600	28-60	3,000	2WPSA0606F4F201	2WPSA0606F2F201
200-1,300	42-100	3,000	2WPSA1306F4F201	2WPSA1306F2F201

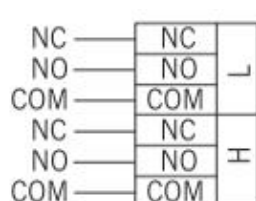
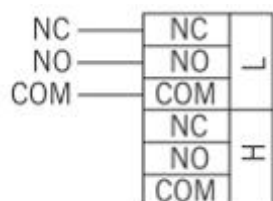
Dimensions



Wiring Schematic

1 x SPDT

2 x SPDT



Engineering Code (how to order)

SERIES

PRESSURE RANGES (PSI)

PRESSURE RANGES (PSI)	Pressure Range		Deadband	Proof Pressure PSI											
	Min	Max													
Fixed Deadband	10	100	2-8-6.4	3,000		0	1	0							
	35	200	4.3-7.0	3,000		0	2	0							
	50	300	4.3-7.0	3,000		0	3	0							
	100	600	5.0-15	3,000		0	6	0							
	100	1,300	14.2-56.8	3,000		1	3	0							
	300	2,400	14.2-71	4,000		2	4	0							
	400	4,000	23.6-117.9	5,000		4	0	0							
Adjustable Deadband	10	100	10-25	3,000	2	W	P	S	A	-	0	1	0		
	35	200	12-30	3,000		0	2	0							
	50	300	28-50	3,000		0	3	0							
	100	600	28-60	3,000		0	6	0							
	200	1,300	42-100	3,000		1	3	0							
	WETTED PARTS	316 Stainless Steel, diaphragm welded (standard)									6				
PROCESS CONNECTION	1/2" NPT Female										F	2			
	1/4" NPT Female										F	4			
	1/2" BSP Female										B	2			
	1/4" BSP Female										B	4			
	1/2" PT Female										P	2			
	1/4" PT Female										P	4			
	M20 X P1.5										M	2			
CONDUIT CONNECTION	3/4" NPT Female											F	3		
	1/2" NPT Female (standard)											F	2		
	M20 X P1.5											M	2		
SWITCH TYPE	Micro Switch, 1 x SPDT												0	1	
	Micro Switch, 2 x SPDT (one setpoint), <i>not available for Adjustable Deadband</i>												0	2	
	Gold Contact, 1 x SPDT, <i>not available for Adjustable Deadband</i>													3	A
	Gold Contact, 2 x SPDT (one setpoint), <i>not available for Adjustable Deadband</i>													3	B
OPTIONS	Custom Pressure Scale (R1=psi, R2=kPa, R3=kg/cm2, R4=cmH2O, R5=ftH2O, R6=inHg, R7=mmHg, R8=inH2O, R9=oz/in2, R10=ATM, R11=bar, R12=mbar, R13=Mpa, R14=mH2O, R15=mmH2O, R16=Pa)														R X X X
	Customer Specific (Numbers from Z01 to Z999)														Z # #