

Medium Pressure and Adjustable Deadband Pressure Switch

4WPS &
4WPSA



RU® Switches with UL & CSA
Recognized and File No.
E12252.

Description & Features:

- General Purpose, watertight pressure switch
- Low pressure to 100 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), file no E12252
- CRN registration pending
- 5 year warranty

Applications:

- Suitable for pump & compressor monitoring in HVAC and general industrial applications

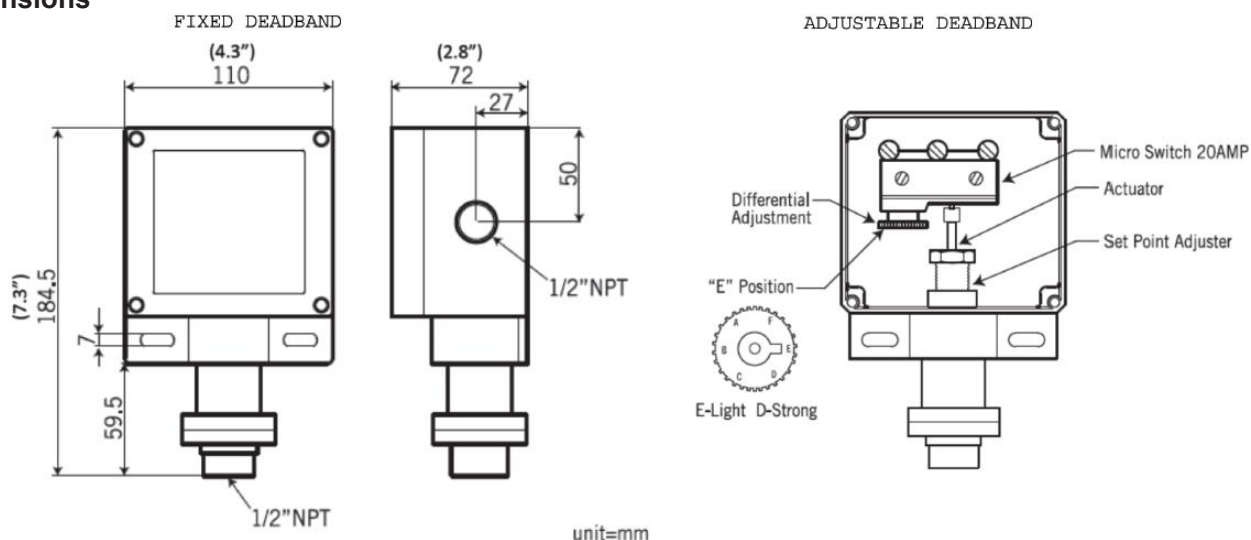
Specifications

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
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, file no E12252 (switch only) CRN registration pending
Weight	3.35 lbs (1.52 kg)

Adjustable Range PSI	Fixed Dead Band PSI	Proof Pressure PSI	1/2" NPT Electrical	
			1/4" NPT Process	1/2" NPT Process
2-12	0.2-0.4	1,000	4WPS0016F4F201	4WPS0016F2F201
2-16	0.2-0.5	1,000	4WPS0106F4F201	4WPS0106F2F201
2-20	0.3-0.6	1,000	4WPS0206F4F201	4WPS0206F2F201
3-28	0.3-0.8	1,000	4WPS0306F4F201	4WPS0306F2F201
7-100	0.7-2.0	1,000	4WPS0406F4F201	4WPS0406F2F201

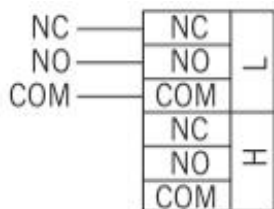
Adjustable Range PSI	Adjustable Dead Band E-Position PSI	Proof Pressure PSI	1/2" NPT Electrical	
			1/4" NPT Process	1/2" NPT Process
2-12	1.2-3	1,000	4WPSA0016F4F201	4WPSA0016F2F201
2-16	1.6-4	1,000	4WPSA0106F4F201	4WPSA0106F2F201
2-20	2-5	1,000	4WPSA0206F4F201	4WPSA0206F2F201
3-28	2.8-7	1,000	4WPSA0306F4F201	4WPSA0306F2F201
7-100	9.9-28.4	1,000	4WPSA0406F4F201	4WPSA0406F2F201

Dimensions

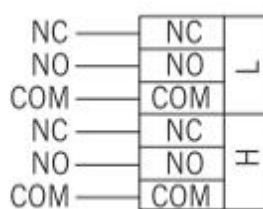


Wiring Diagram

1 x SPDT



2 x SPDT



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