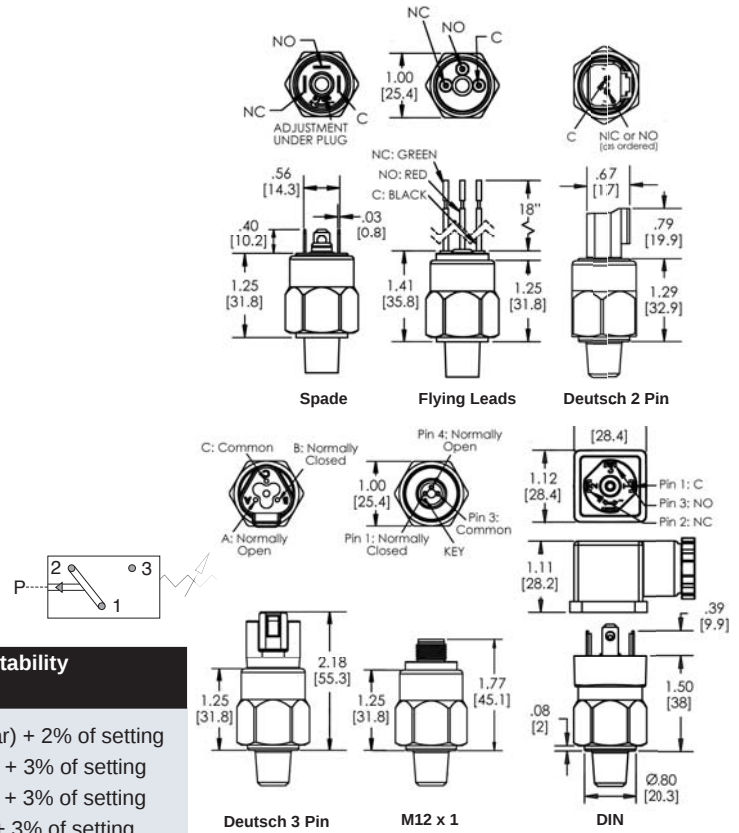


APA/APF Adjustable Low Pressure Switches



Model	Adjustment Range		Avg. Differential		Repeatability
	PSI	Bar	PSI	Bar	
1	3 - 15	0.2 - 1.04	2 - 5	0.13 - 0.4	± 0.4 psi (0.03 bar) + 2% of setting
1A	5 - 30	0.3 - 2.1	3 - 7	0.21 - 0.5	± 1 psi (0.07 bar) + 3% of setting
2	15 - 75	1.03 - 5.2	4 - 7	0.27 - 0.5	± 3 psi (0.14 bar) + 3% of setting
3	50 - 150	3.5 - 10	7 - 15	0.5 - 1.0	± 4 psi (0.3 bar) + 3% of setting

ELECTRICAL:

Standard: 5A, 125V/250VAC - U.L. Recognized*
 5A, 12/24VDC - U.L. Recognized*
 Option -7: 0.02A, 60VDC - U.L. Recognized*
 Gold contacts may be required for less than 12 VDC and 20 milliamps

MANUFACTURER'S OTHER RATING:

5A @ 40VDC

WETTED MATERIAL:

Diaphragm: Buna-N (standard)
 (optional EPDM, KAPTON®, VITON®)
 Housing: Brass (standard)
 (optional: 316 Stainless Steel or Nickel Plated Steel)

PROTECTION:

Exposed Terminals – IP00
 DIN HC - IP65
 Flying Leads, M12, Deutsch Integral, Packard - IP69

SWITCH TYPE:

Snap Action

MECHANICAL LIFE:

1,000,000 cycles

MEDIA TEMPERATURE RANGE:

Buna - N: -15° to +230°F (-26° to 110°C)
 EPDM: -10° to +250°F (-23° to 121°C)
 KAPTON®: -40° to +239°F (-40° to 115°C)
 VITON®: 0° to +302°F (-18° to 150°C)
 (® Registered Trademark of DuPont)

MAXIMUM OVERPRESSURE:

350 PSI (24 Bar)

WEIGHT:

0.15 LBS (0.07 kg)

[For Certifications and Approvals: Please Inquire]

ORDERING INFORMATION

APA	- * 2	- * R	- 4M	- A	- FL	- * 1
Model	Set Point	Direction	Port Size	Circuit	Terminal	Options
APA - Field Adjustable	See Above Adjustment Ranges	R - PSI Rising F - PSI Falling BR - Bar Rising BF - Bar Falling	2M - 1/8 NPT 4M - 1/4 NPT 2G - 1/8 BSPP 4G - 1/4 BSPP (undercut for an o-ring seal) 4GS - 1/4 BSPP (no undercut) 4S - 7/16X20 SAE MALE 4SW - 7/16X20 SAE Swivel 6S - 9/16X18 SAE MALE M10 - M10X1* M12 - M12X1.5 *	A - SPST / NO B - SPST / NC C - SPDT	SP - 1/4" x 1/32" Spade TS - 6-32 Terminal Screws FL - 18" Flying Leads FLL - Advise additional length of leads if required H - DIN 43650A Male Half Only HC - DIN 43650A Cable Clamp HN - DIN 43650A 1/2 Conduit (female) HCC - XXX (Specify Length in Inches) DI - Deutsch Integral M12 - M12 X 1	* - Omit If Standard 1 - VITON® Diaphragm 2 - EPDM Diaphragm 3 - KAPTON® Diaphragm 4 - 316 SS Housing 4A - Steel - Nickel Plated 5 - Spiral Restrictor 6 - Oxygen Cleaned (only in Stainless steel) 7 - Gold Contacts
APF - Factory Set	* Model APF Specify Set Point Required	*Omit For Model APA	*Consult Factory for Specials		* See Page 49 for other electrical termination options	