



Spade

Deutsch  
Integral

Flying  
Leads

Model	Adjustment Range		Avg. Differential	Repeatability
	PSI	Bar		
1	1.5 - 30	0.10 - 2.0	Less than 10% of Actuation Point	± 2 psi (0.14 bar) + 3% of setting
1A	14.5 - 200	1.0 - 14		± 3 psi (0.21 bar) + 3% of setting
2	125 - 600	8.6 - 41		± 5 psi (0.34 bar) + 3% of setting
3	300 - 2500	21 - 172		± 15 psi (1.03 bar) + 4% of setting
4	3000 - 6000	207 - 414		± 20 psi (14 bar) + 6% of setting
5	500 - 3500	35 - 241		± 20 psi (1.4 bar) + 6% of setting

**ELECTRICAL:**

100 VA Max Voltage 42 VDC  
Gold contacts may be required for less than 12 VDC and 20 milliamp

**WETTED MATERIAL:**

Diaphragm: Buna-N (Standard)  
(optional EPDM, KAPTON®, VITON®  
Low Temperature Nitrile)  
Housing: Zinc Clear Chromate Plated Steel  
(optional 316 Stainless Steel)

**PROTECTION:**

Exposed Terminals - IP00  
Flying Leads & Deutsch Integral - IP69

**SWITCH TYPE:**

Creep 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)  
Low Temp Nitrile: -40° to +230°F (-40° to 110°C)

**MAXIMUM OVERPRESSURE:**

9000 PSI (620 Bar)

**WEIGHT:**

0.15 lbs (0.07 kg)

[ For Certifications and Approvals: Please Inquire ]

**ORDERING INFORMATION**

EPA	- * 2	- * R	- 4M	- A	- FL	- * 1
Model	Set Point	Direction	Port Size	Circuit	Terminal	Options
EPA - 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 6S - 9/16X18 SAE MALE M10 - M10X1 * M12 - M12X1.5 * *Consult Factory for Specials.	A - SPST / NO B - SPST / NC	SP - 1/4 x 1/32 Spade TS - 6 -32 Terminal Screws FL - 18" Flying Leads FLL - Advise additional length of leads if required FLWTF - Weatherpack Tower Female FLWTM - Weatherpack Tower Male FLWSF - Weatherpack Shroud Female FLWSM - Weatherpack Shroud Male DI - Deutsch Integral	* - Omit If Standard 1 - VITON® Diaphragm 2 - EPDM Diaphragm 3 - KAPTON® Diaphragm * * Ranges 1A & 2 Only 15 - Low Temp Nitrile Dia 4 - 316 SS Housing 5 - Spiral Restrictor 6 - Oxygen Cleaned (Only available in Stainless steel) 7 - Gold Contacts
EPF - Factory Set	*Model EPF Specify Set Point Required	*Omit for Model EPA				