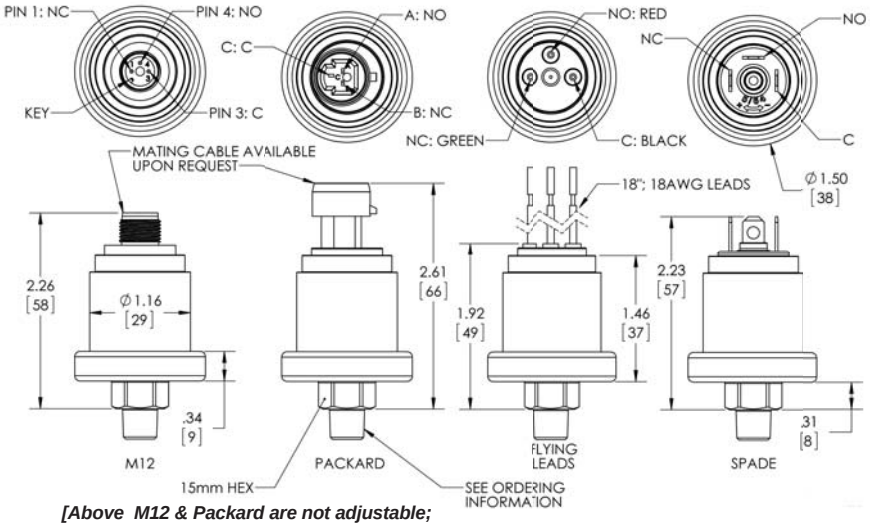
PSA/PSF
Pressure Switch



[Above M12 & Packard are not adjustable; Factory Set Only]

Model	Adjustment Range PSI	Adjustment Range Bar	Avg. Differential	Repeatability
1	0.75 - 3.5	0.05 - 0.24	Less than 10% of Actuation Point	± 0.2 psi (0.014 bar)
2	2.5 -15	0.17 - 1.03		± 0.3 psi (0.02 bar)
3	10 - 30	0.70 - 2.07		± 0.6 psi (0.04 bar) + 6% of setting
4	25 - 75	1.72 - 5.17		± 2.0 psi (0.14 bar) + 6% of setting
5	65 - 150	4.5 - 10.3		± 2.0 psi (0.14 bar) + 6% of setting

ELECTRICAL:
Standard: 10A, 125/250VAC - U.L. Recognized
10A, 12/24VDC - U.L. Recognized
Option -7: 0.1A, 125/250VAC,30 VDC - U.L. Recognized
Gold contacts may be required for less than 12 VDC and 20 milliamps

WETTED MATERIAL:
Diaphragm: Buna-N (standard)
(optional EPDM, KAPTON®, VITON®)
Housing: Brass (standard)
(optional: 316 Stainless Steel

PROTECTION:
Exposed Terminals – IP00
(plastic housing is vented)
DIN HC - IP65
Flying Leads, M12*, Deusch 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)
Low Temp Nitrile: -40° to 230°F (-40° to 110°C)

MAXIMUM OVERPRESSURE:
350 PSI (24 Bar) - Dynamic
500 PSI (35 Bar) - Static

WEIGHT:
Approx. 0.2 lbs (0.09 kg)

[For Certifications and Approvals: Please Inquire]

ORDERING INFORMATION

PSA	*- *10*	*- *R*	*- 4M*	*- A*	*- FL*	*- 1**
Model	**Set Point**	**Direction**	**Port Size**	**Circuit**	**Terminal**	**Options**
PSA Field Adjustable PSF Factory Set	Specify Set Point ** Model PSF Specify Set Point Required* ***[Please note: Packard Plug & M12 are Factory Set Only]***	R - Rising F - Falling BR- Bar Rising BF - Bar Falling **Omit For Model PSA*	2M - 1/8 NPT 4M - 1/4 NPT 2G - 1/8 BSPP 4G - 1/4 BSPP **Consult Factory for other sizes**	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 DI - Deutsch Integral (2 pin only) M12 - M12 X 1 * ***(up to 5 amp rating)*** PP - Packard Plug ***[Please note: Packard Plug & M12 are not adjustable, Factory Set Only]***	** - Omit If Standard 1 - VITON® Diaphragm 2 - EPDM Diaphragm 3 - KAPTON® Diaphragm 4 - 316 SS Housing 5 - Spiral Restrictor 6 - Oxygen Cleaned 7 - Gold Contacts