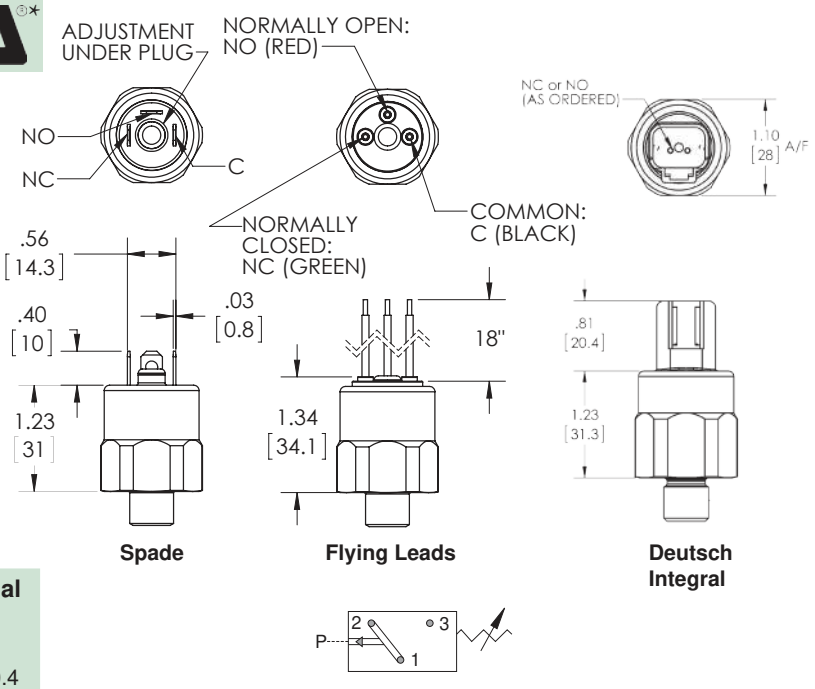
HPA/HPF Pressure Switch

PVS Sensors Inc.

WRAS APPROVED PRODUCT

New Generation
High Impact Plastic Switch

CE RoHS COMPLIANT



Model	Adjustment Range		Average Differential	
	PSI	Bar	PSI	Bar
1	3 - 20	0.2 - 1.4	2 - 5	0.13 - 0.4
2	15 - 80	1.03 - 6	4 - 7	0.27 - 0.5
3	40 - 135	2.7 - 9.3	7 - 10	0.5 - 0.7

Color coded top cap for identification of the switch circuit.
A - RED, SPST / NO B – GREEN, SPST / NC C – BLACK, SPDT

ELECTRICAL:

Standard: 3A, 125VAC - U.L. Recognized*
Option -7: 0.2A, 60VDC - U.L. Recognized*
Option -9: 5A, 250VAC - U.L. Recognized*

PROTECTION:

Exposed Terminals – IP00
Flying Leads & Deutsch Integral - IP69

MECHANICAL LIFE:

1,000,000 cycles

MANUFACTURER'S OTHER RATING:

3A @ 40VDC

SWITCH TYPE:

Snap Action

REPEATABILITY:

± 2% of full set point range at 70°F (21°C) Ambient Temperature

MAXIMUM OVERPRESSURE:

250 PSI (17 Bar)

TEMPERATURE RANGE:

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

WETTED MATERIAL:

Diaphragm: Buna-N Standard
(optional EPDM, KAPTON®, and VITON®)

Housing: Glass Filled Nylon

WEIGHT:

0.08 LBS
(0.04 kg)

ORDERING INFORMATION

HPA	*- * 2*	*- * R*	*- 4M*	*- A*	*- FL*	*- * 1*
Model	**Set Point**	**Direction**	**Port Size**	**Circuit**	**Terminal**	**Options**
HPA - Field Adjustable HPF - Factory Set	See Above Adjustment Ranges ** Specify Set Point Required for model HPF*	R - PSI Rising F - PSI Falling BR - Bar Rising BF - Bar Falling **Omit For Model HPA*	2M - 1/8 NPT 4M - 1/4 NPT 2G - 1/8 BSPP 4G - 1/4 BSPP	A - SPST / NO B - SPST / NC C - SPDT	SP - 1/4" x 1/32" Spade TS - 6-32 Terminal Screws FL - 18" Flying Leads 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 6 - Oxygen Cleaned 7 - Gold Contacts 9 - 5 AMP Rating UL - UL Recognized** **For Selected Models Only - Consult Factory 12 - WRAS Approved