

*Special Pricing
50% off
List Price for the
Month of January
USE PROMO CODE
PVS0118*

Switch of the Month APA/APF Series with Integral Deutsch

APA/APF Low Pressure Switch

- 3 – 150 PSI Range
- Field Adjustable or Factory Set
- 350 psi Maximum Overpressure
- Snap action micro switch
- Buna-N, (Standard) Diaphragm
(Optional: Viton®, Kapton, EPDM)
- Various Port Sizes
- Brass Housing
(Optional: Electroless Nickel Plated or 316 Stainless Steel)

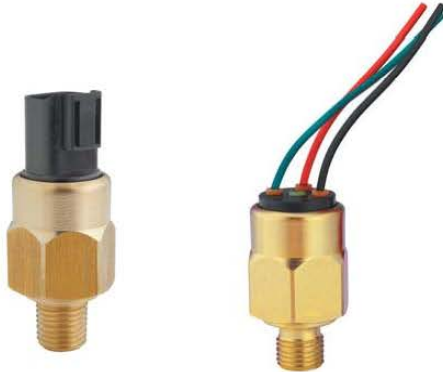


2810 Blue Ridge Blvd.
PO Box 100
West Union, SC 29696
Ph: 864-638-5544
www.pvssensors.com



Call Toll Free: 800-988-1276

APA/APF & HAA/WAA Adjustable Low Pressure Switches



Integral Deutsch
(2 or 3 pin)

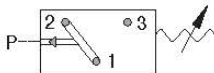
Flying Lead



Hand Adjustable
Model HAA
(Available in DIN Only)



Field Adjustable
Model WAA
(Available in DIN Only)



Model	Adjustment Range		Avg. Differential	
	PSI	Bar	PSI	Bar
1	3 - 20	0.2 - 1.4	2 - 5	0.13 - 0.4
1A	5 - 30	0.3 - 2.1	3 - 7	0.21 - 0.5
2	15 - 75	1.03 - 6	4 - 7	0.27 - 0.5
3	50 - 150	3.5 - 10	7 - 15	0.5 - 1.0



**DIN43650A Cable
Clamp**



M12 X 1

ELECTRICAL:

Standard: 5A, 125V/250VAC - U.L. Recognized*
5A, 12/24VDC - U.L. Recognized*
Option -7: 0.2A, 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 Electroless Nickel Plated Steel)

PROTECTION:

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

REPEATABILITY:

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

SWITCH TYPE:

Snap Action

MECHANICAL LIFE:

1,000,000 cycles

TEMPERATURE RANGE:

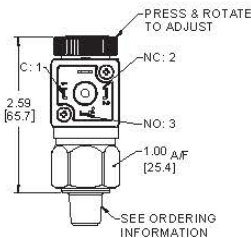
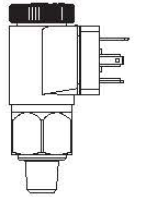
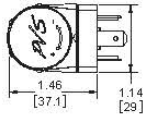
Buna – N: -15° to +230°F (-26° to 110°C)
EPDM: -10° to +250°F (-23° to 121°C)
KAPTON®: -40° to +230°F (-40° to 110°C)
VITON®: 0° to +250°F (-18° to 121°C)
(® Registered Trademark of DuPont)

MAXIMUM OVERPRESSURE:

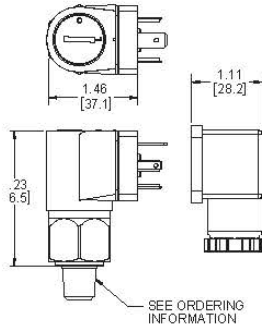
350 PSI (24 Bar)

WEIGHT:

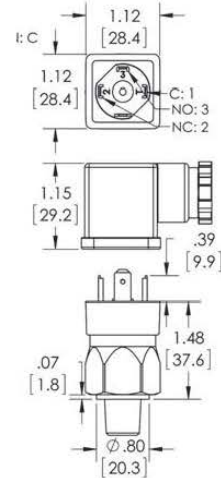
0.15 LBS (0.07 kg)



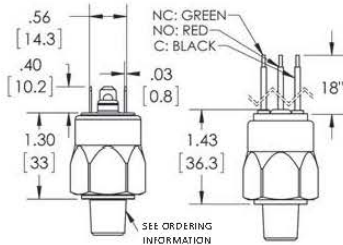
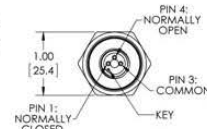
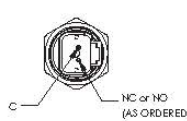
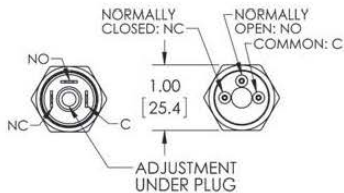
Model HAA
(Available in DIN Only)



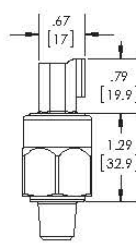
Model WAA
(Available in DIN Only)



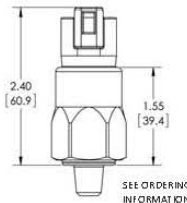
Model APA/APF - DIN



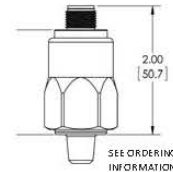
Spade **Flying Leads**



Deutsch - 2 Pin



Deutsch - 3 Pin



M12 x 1

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)	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 H - DIN 43850A Male Half Only HC - DIN 43850A Cable Clamp HN - DIN 43850A 1/2 Conduit (female) HCC - XXX (Specify Length in Inches) HC11A - DIN Light NO/NC 110V HC11B - DIN Light NO/NC 12VDC HC11C - DIN Light NO/NC 24VDC HC11D - Indicating Light Green/Red DI - Deutsch Integral * M12 - M12X 1	* - Omit If Standard 1 - VITON® Diaphragm 2 - EPDM Diaphragm 3 - KAPTON® Diaphragm 4 - 316 SS Housing 4A - Steel - Electroless Nickel Plated 5 - Spiral Restrictor 6 - Oxygen Cleaned 7 - Gold Contacts UL - UL Recognized** **For Selected Models Only - Consult Factory 12 - WRAS Approved
APF - Factory Set	* Model APF Specify Set Point Required	*Omit For Factory Set Models	4GS - 1/4 BSPP (no undercut)			
HAA - Hand Adjustable			4S - 7/16X20 SAE MALE 4SW - 7/16X20 SAE Swivel 6S - 9/16X18 SAE MALE M10 - M10X1 M12 - M12X1.5*			
*WAA - Field Adjustable			*Consult Factory for Specials			
*Available in DIN Only						