

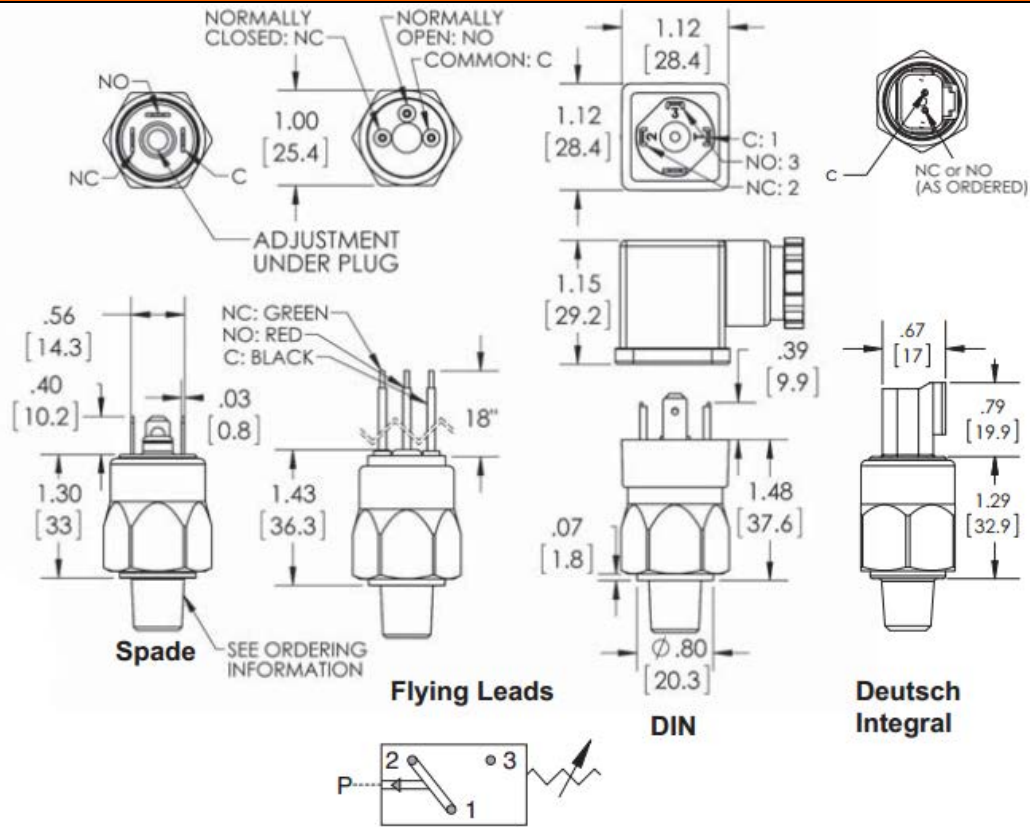
APA Pressure Switch



| Pressure | |
|----------------------|--|
| Adjustment range | 3..150 PSI (bar and MPa available) |
| Average differential | 2..15 PSI (bar and MPa available) |
| Accuracy | ±2% of full set point range at 21 °C |
| Repeatability | ±2% of full set point range at 21 °C Ambient Temperature |
| Temperature range | Buna-N: -15° ..230°F (-26° ..110°C) EPDM: -10° ..250°F (-23° ..121°C) KAPTON®: -40° ..230°F (-40° ..110°C) VITON®: 0° ..250°F (-18° ..121°C) Low temp Nitrile: -40° ..230°F (-40° ..110°C) |
| Maximum overpressure | 350 PSI (24 Bar) |
| Electrical | Standard: 5A, 125V/250VAC – U.L. Recognized * Option – 7: 0.2A,60VDC - U.L. Recognized * 5A,12/24VDC - U.L. Recognized * |
| Switch type | Snap Action |
| Protection | Exposed terminal – IP00 DIN HC – IP65 Flying leads, M12, Deutsch Integral – IP69 |

| | |
|-----------------|---|
| Wetted material | Diaphragm: Buna-N (standard) (Optional EPDM, KAPTON®, VITON®) Housing: Brass (Optional Steel – Electroless Nickel Plated Steel) (Optional 316 Stainless Steel) |
| Mechanical life | 1,000,000 cycles |
| Weight | 0.15 LBS(0.07 kg) |

Electrical Connector



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 43650A Male Half Only HC - DIN 43650A Cable Clamp HN - DIN 43650A 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 - M12 X 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 Model APA | 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 <i>Consult Factory for Specials.</i> | | | |