



Spade

Deutsch Integral

Flying Leads



| Model | Adjustment Range | | Avg. Differential |
|-------|------------------|------------|----------------------------------|
| | PSI | Bar | |
| 1 | 1.5 - 30 | 0.10 - 2.0 | Less than 10% of Actuation Point |
| 1A | 14.5 - 200 | 1.0 - 14 | |
| 2 | 125 - 600 | 8 - 40 | |
| 3 | 300 - 2500 | 20 - 170 | |
| 4 | 3000 - 6000 | 207 - 414 | |
| 5 | 500 - 3500 | 35 - 240 | |

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-Nickel Plated Steel
(optional Steel - Electroless Nickel Plated, 316 Stainless Steel)

PROTECTION:

Exposed Terminals - IP00
Flying Leads & Deutsch Integral - IP69

REPEATABILITY:

± 3% of full set point range at 70°F (21°C)
Ambient Temperature

SWITCH TYPE:

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

MAXIMUM OVERPRESSURE:

9000 PSI (620 Bar)

WEIGHT:

0.15 lbs (0.07 kg)

ORDERING INFORMATION

| EPA | - * 2 | - * R | - 4M | - A | - FL | - * 1 |
|---|--|---|--|--------------------------------|---|--|
| Model | Set Point | Direction | Port Size | Circuit | Terminal | Options |
| EPA - Field Adjustable EPF - Factory Set | See Above Adjustment Ranges *Model EPF Specify Set Point Required | R - PSI Rising F - PSI Falling BR - Bar Rising BF - Bar Falling *Omit for Model EPA | 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 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 4A - Steel - Electroless Nickel Plated 5 - Spiral Restrictor 6 - Oxygen Cleaned 7 - Gold Contacts |