

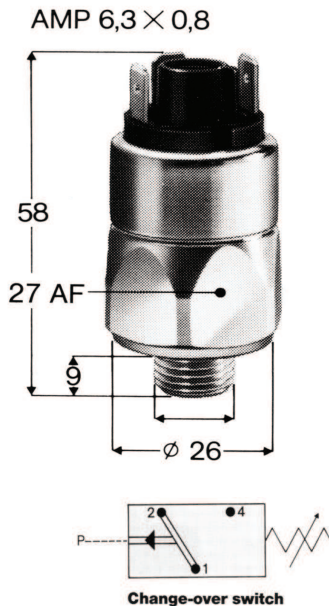
Pressure Switch

up to 42V change-over contacts



SUCO

Model 0170 / 0171

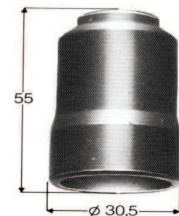


| | |
|-----------------------------|---|
| Body Material | Zinc plated steel body |
| Ranges | 30 to 20,000 kPa |
| Max. Pressure Rating Static | Adjustment range to 150 kPa = 10,000 kPa (1500 PSI) Adjustment range to 10,000 kPa = 30,000 kPa (4350 PSI) Adjustment range to 20,000 kPa = 60,000 kPa (8700 PSI) |
| Contact | Change-over |
| Contact Rating | 42 V / 4 A (resistive) |
| Hysteresis | Supplier adjustable 10 to 30% |
| Protection | IP65 with optional connector |
| Max. Operation | 200 / min |
| Mechanical Life | 10 ⁶ operations @ ≤ 50 bar |
| Temperature Range | -5 to 120° C (dependant on seal material) |
| Connection | 1/8" NPT male (others on request) |
| Type 0170 | Diaphragm type |
| Type 0171 | Piston type (*denotes piston type switch) |

Special Manufacture:

- NBR, EPDM, Silicone or HNBR diaphragms
- Other threads (metric and imperial)
- DIN Plug

Please note for applications below 50mA we recommend the 0190/1 series switches



Stock Ranges: (for pricing see page 18 of Item Price List)

| Adjustment Ranges | Contact | Seal | Part No. |
|-------------------|----------------|------|---------------|
| 30 - 150 kPa | 4 - 21.5 PSI | FKM | 705 704 003 |
| 100 - 1000 kPa | 14.5 - 145 PSI | FKM | 705 804 003 |
| 1000 - 5000 kPa | 145 - 725 PSI | FKM | 705 904 003 |
| 1000 - 10000 kPa | 145 - 1450 PSI | FKM | 706 104 003 |
| 5000 - 20000 kPa | 725 - 2900 PSI | FKM | 716 004 003 * |

OPTIONS: (for pricing see pages 17,18 & 19 of Item Price List)

| | |
|--|-------------|
| Rubber cap to protect terminals (IP54) | 702 100 003 |
| Connector for convenient installation & IP65 protection of terminals | 805 200 003 |
| Brass Adaptor 1/8" NPT - 1/4" BSPT | 660 000 000 |
| Switch setting to customers specification | 99 100 660 |
| Hysteresis setting to customers specification | 99 100 661 |

Warning! When using with oxygen, the relevant accident-prevention regulations must be observed. In addition, we recommend that a maximum operating pressure of 1,000 kPa (145 PSI) is not exceeded. All prices exclude GST. We reserve the right to change technical specifications & prices without prior notice.