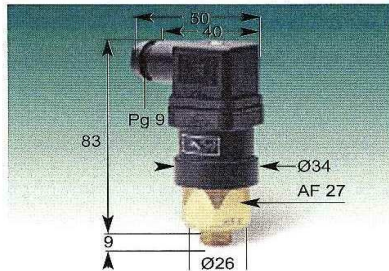


MicroDrop®

PRESSURE AND VACUUM SWITCHES



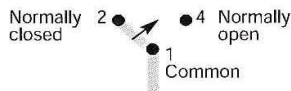
DIAPHRAGM PRESSURE SWITCH WITH 4A RATED CHANGEOVER CONTACTS AND BUILT IN CONNECTOR

- Range from 0.3 - 1.5 Bar to 10 - 100 Bar
- Up to 300 Bar overpressure
- SPDT changeover contact
- Zinc plated steel body
- Nitrile, EPDM, Viton diaphragm seals

Type
0184



CHANGEOVER CONTACT DETAILS



TECHNICAL SPECIFICATION

Contact rating	4A
Maximum operation	200/min
Temperature range	NBR -30 to +100°C EPDM -30 to +100°C FKM -5 to +120°C
Maximum voltage	250VAC
Hysteresis adj.	10 to 30% (adjusted at factory)
Mechanical life	10 ⁶ operations at 50 Bar pressure
Body material	Zinc plated steel (Fe/Zn 12cC)
Protection	IP65

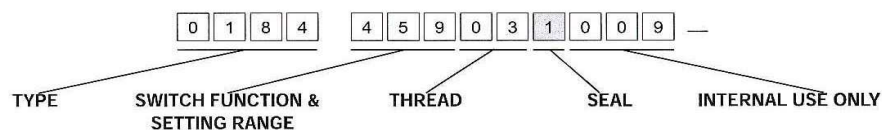
ORDERING INFORMATION

Type 0184	Thread type	Adjustment range (Bar)	Tolerance at room temp (Bar)	Static Overpressure (Bar)
45702	M12 x 1.5	0.3 - 1.5	±0.2	100
45703	1/4" BSP			
45802	M12 x 1.5	1 - 10	±0.5 - 1.0	300
45803	1/4" BSP			
45902	M12 x 1.5	10 - 50	±3.0	300
45903	1/4" BSP			
46102	M12 x 1.5	10 - 100	±3.0 - 5.0	300
46103	1/4" BSP			

SUCO diaphragm type	Material	Suitable for
1	Nitrile (NBR)	Hydraulic oil, engine oil, heating oil, turpentine, air
2	EPDM	Water, Hydrogen, Seawater, Acetylene, Ozone, Oxygen, Brake Fluid
3	Viton (FKM)	Hydraulic fluid (i.e. HFA, HFB, HFC, HFD), Gasoline

ORDER EXAMPLE

10 - 50 Bar, being used with a Nitrile diaphragm seal would be as below.



Please note that all switches can be set & adjusted via the central turning screw. N.B. When using oxygen, the relating accident prevention regulations are to be observed. Above that we recommend not to exceed a maximum operational pressure of 10 Bar.