

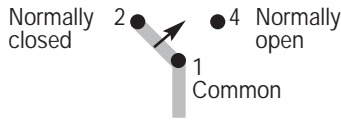
STAINLESS STEEL PRESSURE SWITCH WITH 4A RATED CHANGEOVER CONTACTS AND BUILT IN CONNECTOR

- Range from 0.5 - 5 Bar to 50 - 200 Bar
- Up to 600 Bar overpressure
- SPDT changeover contact
- Full stainless steel (1.4305) body
- Nitrile, EPDM, Viton seals

Type
0184 - diaphragm
0185 - piston



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:	
Diaphragm type	10 ⁶ operations at pressure up to 50 Bar
Piston type	10 ⁶ operations
Body material	Stainless steel (1.4305)
Protection	IP65

ORDERING INFORMATION

Type 0184 with diaphragm	Thread type	Adjustment range (Bar)	Tolerance at room temp (Bar)	Static Overpressure (Bar)
45703	SS	1/4" BSP	± 0.2	300
45803	SS	1/4" BSP	± 0.5	
45903	SS	1/4" BSP	± 3.0	
46103	SS	1/4" BSP	± 3.0 - 5.0	

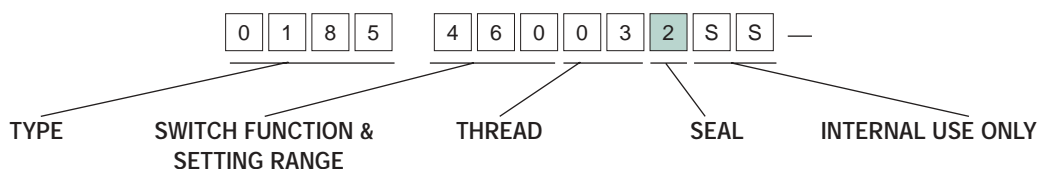
Type 0185 with piston	Thread type	Adjustment range (Bar)	Tolerance at room temp (Bar)	Static Overpressure (Bar)
46003	SS	1/4" BSP	± 5.0	600

SUCO Seal 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

N.B Piston pressure switches are not suited for gaseous media, especially not for the use of oxygen.

ORDER EXAMPLE

50 - 200 Bar range, being used with an EPDM piston 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.