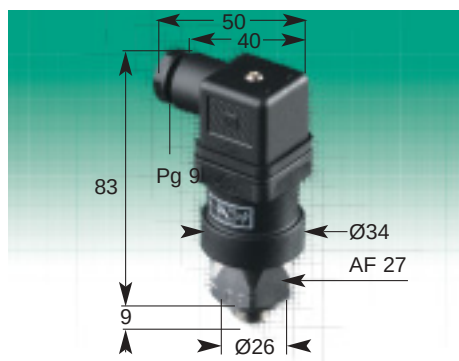




STAINLESS STEEL PRESSURE SWITCH WITH 4A RATED CHANGEOVER CONTACTS AND BUILT IN CONNECTOR

- 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

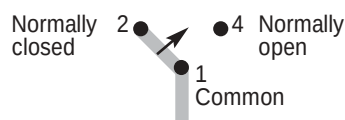


Type

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:	10 ⁶ operations at pressure up to 50 Bar
	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	0.5 - 5	± 0.2
45803	SS	1/4" BSP	1 - 10	± 0.5
45903	SS	1/4" BSP	10 - 50	± 3.0
46103	SS	1/4" BSP	10 - 100	± 3.0 - 5.0

Type 0185 with piston

46003	SS	1/4" BSP	50 - 200	± 5.0	600
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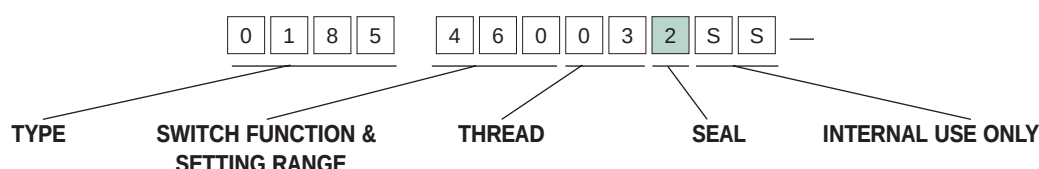
SUCO Seal type

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.