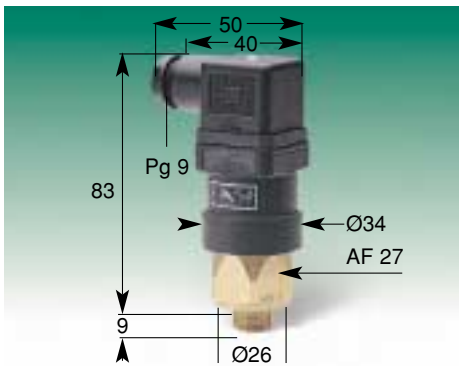
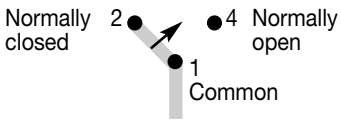


PRESSURE SWITCH WITH CHANGEOVER CONTACTS AND BUILT IN CONNECTOR, 250V

- Range from 0.3 - 1.5 Bar to 50 - 200 Bar
- Up to 600 Bar overpressure
- SPDT changeover contact
- Zinc plated steel body
- Nitrile, EPDM, FKM seals

Type
0184- diaphragm
0185- piston

CHANGEOVER CONTACT DETAILS



TECHNICAL SPECIFICATION

Contact rating	250V/4A
Maximum operation	200/min
Temperature range	NBR -30 to +100°C EPDM -30 to +120°C FKM -5 to +120°C
Hysteresis adj.	10 to 30% (adjusted at factory)
Mechanical life	10^6 operations at 50 pressures up to 50 Bar
Body material	Zinc plated steel (Fe/Zn 12cC)
Protection	IP65
Vibration resistance	10g/5-200Hz sine-wave
Shock resistance	294m/s², 14ms half sine-wave
Weight	130g

ORDERING INFORMATION

Type 0184 with diaphragm			Thread type	Adjustment range (Bar)	Tolerance at room temp (Bar)	Static Overpressure (Bar)
018445701		001	M10 x 1 taper	0.3 - 1.5	±0.2	100
018445702		002	M12 x 1.5			
018445703		003	¼" BSP			
018445801		040	M10 x 1 taper	1 - 10	±0.5 - 1.0	300
018445802		041	M12 x 1.5			
018445803		042	¼" BSP			
018445901		007	M10 x 1 taper	10 - 50	±3.0	
018445902		008	M12 x 1.5			
018445903		009	¼" BSP			
018446101		010	M10 x 1 taper	10 - 100	±3.0 - 5.0	
018446102		011	M12 x 1.5			
018446103		012	¼" BSP			
Type 0185 with piston						
018546001		001	M10 x 1 taper	50 - 200	± 5.0	600
018546002		002	M12 x 1.5			
018546003		003	¼" BSP			

Insert seal number

	Material	Suitable for
1	Nitrile (NBR)	Hydraulic/machine oil, heating oil, turpentine, air etc
2	EPDM	Hydrogen, Acetylene, Ozone, Brake Fluid etc
3	FKM	Hydraulic fluid (i.e. HFA, HFB, HFC, HFD), Petrol/gasoline etc

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

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.