

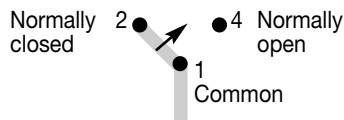
## PRESSURE SWITCH WITH CHANGEOVER CONTACTS AND BUILT IN CONNECTOR, 250V

- 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

<b>Contact rating</b>	250V/4A
<b>Maximum operation</b>	200/min
<b>Temperature range</b>	NBR -30 to +100°C EPDM -30 to +120°C FKM -5 to +120°C
<b>Hysteresis adj.</b>	10 to 30% (adjusted at factory)
<b>Mechanical life</b>	10 <sup>6</sup> operations at 50 pressures up to 50 Bar
<b>Body material</b>	Zinc plated steel (Fe/Zn 12cC)
<b>Protection</b>	IP65
<b>Vibration resistance</b>	10g/5-200Hz sine-wave
<b>Shock resistance</b>	294m/s <sup>2</sup> , 14ms half sine-wave
<b>Weight</b>	130g

### ORDERING INFORMATION

Type 0184 with diaphragm	Thread type	Adjustment range (Bar)	Tolerance at room temp (Bar)	Static Overpressure (Bar)
018445701	M10 x 1 taper	0.3 - 1.5	±0.2	100
018445702	M12 x 1.5			
018445703	1/4" BSP			
018445801	M10 x 1 taper	1 - 10	±0.5 - 1.0	300
018445802	M12 x 1.5			
018445803	1/4" BSP			
018445901	M10 x 1 taper	10 - 50	±3.0	300
018445902	M12 x 1.5			
018445903	1/4" BSP			
018446101	M10 x 1 taper	10 - 100	±3.0 - 5.0	300
018446102	M12 x 1.5			
018446103	1/4" BSP			
Type 0185 with piston	Thread type	Adjustment range (Bar)	Tolerance at room temp (Bar)	Static Overpressure (Bar)
018546001	M10 x 1 taper	50 - 200	± 5.0	600
018546002	M12 x 1.5			
018546003	1/4" 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.