

Pressure Switch

Stainless Steel up to 42V



SUCO



Model 0164

Body Material	303 Stainless steel body (1.4305)
Ranges	10 to 5,000 kPa
Max. Pressure Rating	Static 60,000 kPa (8700 PSI)
Contact	Normally Open or Normally Closed
Contact Rating	42 V / 4 A (resistive)
Protection	IP65 (terminals IP00)
Max. Operation	200 / min
Mechanical Life	10 ⁶ operations @ ≤ 50 bar
Temperature Range	-5 to 120° C (dependant on seal material)
Connection	1/8" BSPT male (R1/8) (others on request)
Type 0164	Diaphragm type
Hysteresis	5 to 15 % (not settable)

Stock Ranges: (for pricing see page 17 of Item Price List)

Adjustment Ranges		Contact	Seal	Part No.
10 - 100 kPa	1.45 - 14.5 PSI	Norm.Open	FKM	640 312 003
100 - 1000 kPa	14.5 - 145 PSI	Norm.Open	FKM	640 712 003
1000 - 2000 kPa	145 - 290 PSI	Norm.Open	FKM	641 112 003
2000 - 5000 kPa	290 - 725 PSI	Norm.Open	FKM	641 512 003
10 - 100 kPa	1.45 - 14.5 PSI	Norm.Closed	FKM	640 412 003
100 - 1000 kPa	14.5 - 145 PSI	Norm.Closed	FKM	640 812 003
1000 - 2000 kPa	145 - 290 PSI	Norm.Closed	FKM	641 212 003
2000 - 5000 kPa	290 - 725 PSI	Norm.Closed	FKM	641 612 003
OPTIONS (for pricing see pages 17 & 19 of Item Price List)				
Rubber cap w. dual cable duct (IP54)				662 100 003
Rubber cap w. single cable duct (IP54)				662 101 003
Custom setting of switch				99 100 660
* Encapsulation of switch IP67 with 2m fly lead				99 300 200
* Encapsulation of switch IP67 with Deutsch connector and match side				99 300 001



Protective cap
with dual cable duct
for 1.7 – 2.2 mm
diameter cable.

Special Manufacture:

- Other threads (metric and imperial)
- Screw terminals
- NBR, EPDM, Silicone or HNBR diaphragms

Warning! When using with oxygen, the relevant accident-prevention regulations must be observed. In addition, we recommend that a maximum operating pressure of 5,000 kPa (725 PSI) is not exceeded. All prices exclude GST. We reserve the right to change technical specifications & prices without prior notice.