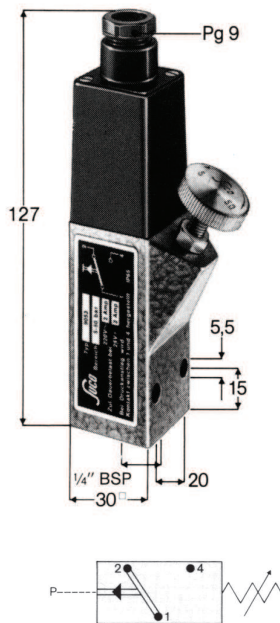


Pressure Switch

up to 250V change-over contacts
with external adjustment



SUCO



Model 0159

Body Material	Aluminum body
Ranges	20 to 40,000 kPa
Max. Pressure Rating Static	Diaphragm Type = 20,000 kPa (2900 PSI) Piston Type = 60,000 kPa (8700 PSI)
Contact	Change-over
Contact Rating	Resistive: 2 A @ 24 VDC & 200 mA @ 220 V Inductive: 2 A @ 24 VDC & 1 A @ 220 V
Hysteresis	10 to 30% (non adjustable)
Protection	IP65
Max. Operation	200 / min
Mechanical Life	10 ⁶ operations @ ≤ 50 bar
Temperature Range	-5 to 120° C (dependant on seal material)
Connection	1/4" BSP female
Diaphragm Type	Up to and including part number 0159 43114 3 001
Piston Type	Including and from part number 0159 43214 3 001

Type 0159 Pressure Switch Special Features:

Set point can be adjusted during operation by turning the knurled screw to the left (decrease) or to the right (increase). Lock nut will secure set point.

Special Manufacture:

- NBR, EPDM, Silicone or HNBR diaphragm or piston seals
- Extra ranges

Stock Ranges: (for pricing see page 16 of Item Price List)

Adjustment Ranges		Contact	Seal	Part No.
20 - 200 kPa	3 - 29 PSI	Change-over	FKM	0159 42614 3 001
100 - 1000 kPa	14.5 - 145 PSI	Change-over	FKM	0159 42814 3 001
200 - 2000 kPa	29 - 290 PSI	Change-over	FKM	0159 42914 3 001
1000 - 10000 kPa	145 - 1450 PSI	Change-over	FKM	0159 43214 3 001
2500 - 25000 kPa	362 - 3625 PSI	Change-over	FKM	0159 43314 3 001
4000 - 40000 kPa	580 - 5800 PSI	Change-over	FKM	0159 43414 3 001

OPTIONS: (for pricing see page 19 of Item Price List)

Switch setting to customers specification	99 100 660
-------------------------------------------	------------

Warning! When using with oxygen, the relevant accident-prevention regulations must be observed. In addition, we recommend that a maximum operating pressure of 1,000 kPa (145 PSI) is not exceeded. All prices exclude GST. We reserve the right to change technical specifications & prices without prior notice.