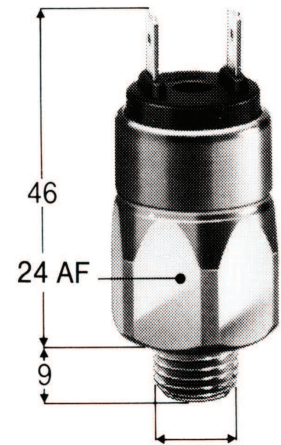




## Pressure Switch up to 42V

### Model 0166 / 0169

Body Material	Zinc plated steel body
Ranges	10 to 15,000 kPa
Max. Pressure Rating	Static 30,000 kPa (4350 PSI) / 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 <sup>6</sup> operations @ ≤ 50 bar
Temperature Range	-5 to 120° C (dependant on seal material)
Connection	1/8" NPT male (others on request)
Type 0166	Diaphragm type
Type 0169	Piston type (*denotes piston type switch)
Hysteresis	5 to 15 % (not settable)



### Stock Ranges: (for pricing see page 17 & 18 of Item Price List)

Adjustment Ranges		Contact	Seal	Part No.
10 - 100 kPa	1.45 - 14.5 PSI	Norm.Open	FKM	660 304 003
100 - 1000 kPa	14.5 - 145 PSI	Norm.Open	FKM	660 704 003
1000 - 2000 kPa	145 - 290 PSI	Norm.Open	FKM	661 104 003
2000 - 5000 kPa	290 - 725 PSI	Norm.Open	FKM	661 504 003
5000 - 15000 kPa	725 - 2176 PSI	Norm.Open	FKM	691 904 003*
10 - 100 kPa	1.45 - 14.5 PSI	Norm.Closed	FKM	660 404 003
100 - 1000 kPa	14.5 - 145 PSI	Norm.Closed	FKM	660 804 003
1000 - 2000 kPa	145 - 290 PSI	Norm.Closed	FKM	661 204 003
2000 - 5000 kPa	290 - 725 PSI	Norm.Closed	FKM	661 604 003
5000 - 15000 kPa	725 - 2176 PSI	Norm.Closed	FKM	692 004 003*
SPECIAL STOCK ITEMS				
10 - 100 kPa	1.45 - 14.5 PSI	Norm.Open	EPDM	660 304 002
100 - 1000 kPa	14.5 - 145 PSI	Norm.Open	EPDM	660 704 002
10 - 100 kPa	1.45 - 14.5 PSI	Norm.Closed	EPDM	660 404 002
100 - 1000 kPa	14.5 - 145 PSI	Norm.Closed	EPDM	660 804 002



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

#### Special Manufacture:

- Overpressure protection to 60.000 kPa
- Other threads / Screw Terminals
- NBR, EPDM, Silicone or HNBR diaphragms

#### OPTIONS (for pricing see pages 17 and 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
Brass Adaptor 1/8" NPT - 1/4" BSpt	660 000 000
Custom setting of switch	99 100 660
* Encapsulation of Switch - fly lead	99 300 200
* Encapsulation of Switch - Deutsch	99 300 001

**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.