

PMLA/PMHA

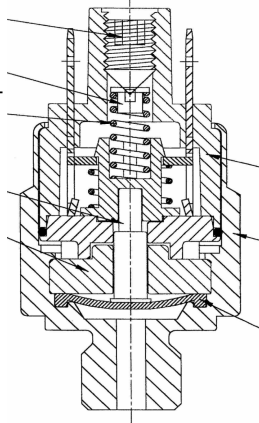
Adjustment Screw

Spring Guide-----

Compression Spring ---

Actuator -----

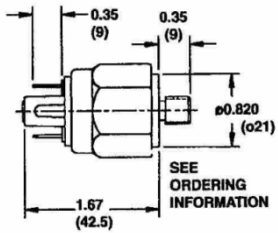
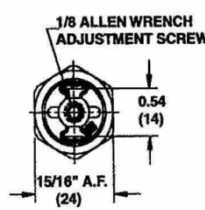
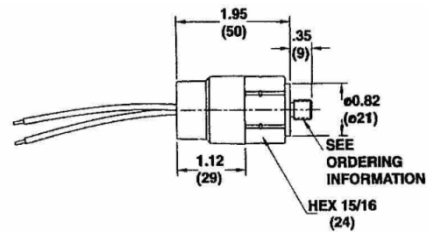
Gland -----



N.O Sub - Assembly

Housing

Diaphragm



Electrical	Working Voltage 100Va Max Voltage 42VDC
Protection	Spade Terminals = 00 / Sealed optional = - IP65
Temperature range	PMLA Ambient & Media - 40°F to + 250 °F (- 40° to +120 °C)
Mechanical Life	10,000000 PMLA at 5 bar (75) PMHA at 70 bar (1000 psi) Nitrile
Diaphragm material	PMLA Kapton / PMHA Nitrile Standard (optional EPDM & Viton)
Housing material	PMLA = Brass/ PMHA zinc plated Steel standard (optional 316SS)
Maximum overpressure	PMLA 35 bar (500 psi) / PMHA 600 bar (9000 Psi)
Repeatability	± 5% of full set point range @ 20 °C (70 °F)
Weight	0.06KG (0.14.0lbs)

Adjustment Ranges

Model PMHA	Adjustment range		Average differential	wetted materials
	PSI	Bar		
1	10 - 85	0.5 - 6	Both Models have a fixed differential Less than 5% of Full Set Point Range.	Brass Kapton Nit rile and Zinc Plated Steel
2	75 - 500	5.2 - 3 5		
3	300 - 750	20 - 50		
4	500 - 1250	35 - 85		
5	1000 - 3000	70 - 210		

*Option = 30 Rubber boot Electrical protection Cover

*Option 7 may be required for less than 12VDC and 20 Milliamps

Model PMLA	Adjustment range	
	Bar	Psi
2	0.35/1.7	7/25
3	1.4/4	20/60
4	3.5/10	50/150

How to adjust pressure switch settings:

1. Rotate clockwise to increase set point and counter clockwise to decrease.