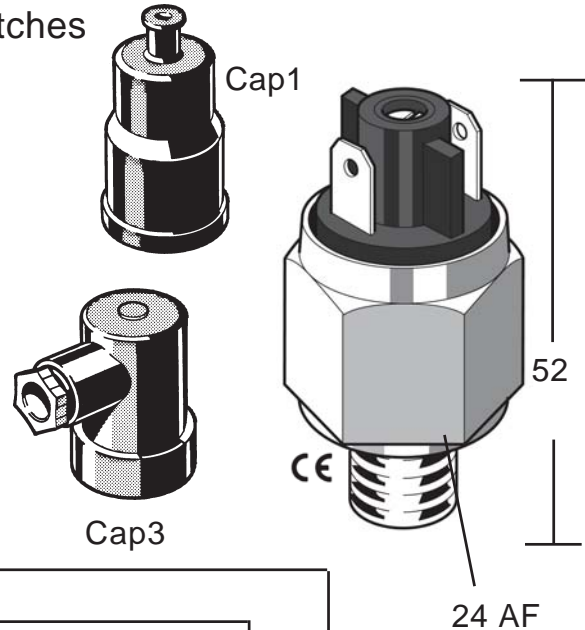


Miniature Pressure Switch**PMN**

Diaphragm or Piston type pressure switches

- 0,1 to 300 bar ranges
- Over-pressure proof up to 600 bar
- N/O or N/C contacts
- 1/4" push-on terminals (screw optional)
- Gold contacts option
- Choice of body material
- Vacuum switch option see [DataFax 1043](#)

**Example**

PMN · 10 N - 1/4P STL -

Model & Adj. Range

Contact Type		Diaphragm/Piston seal	
A	Normally Open	Nitrile (Std) -5° to +60°C	N
C	Normally Closed	Nitrile -40° to +140°C	T
		Viton -5° to +90°C	V
		Silicon -30° to +120°C	S
		Neoprene -10° to +90°C	O
		EPDM -20° to +110°C	E
		S/steel PMN 2;10; 20 & 50 (4)	I

Threads	
1/4 BSP(std)	1/4P
1/8 BSPT	1/8
1/4 BSPT	1/4
M10 x 1	M10
M12 x 1.5	M12
1/8 NPT	18NPT
1/8 BSP	1/8P

Contact option	
Silver (std)	-
Gold	G

Special options	
No special option (std)	-
De-greased (1)	SG
Tested for gas	TG

Body material	
Steel-zinc plated (std)	STL
Brass (2) (max 80bar)	BRS
Stainless steel, 303 (3)	303
Stainless steel, 316 (3)	316

Model	Adjustment Range	Maximum Pressure (3)	Tolerance at room temp.
PMN 1	0.1 - 1 bar	150 bar (2)	+/- 0.1 bar
PMN 2	0.15 - 2 bar	300 bar (2)	+/- 0.2 bar
PMN 10	2 - 10 bar	300 bar (2)	+/- 0.3 bar
PMN 20	10 - 20 bar	300 bar	+/- 0.4 bar
PMN 50	20 - 50 bar	300 bar	+/- 1 bar
PMN 80	50 - 80 bar	300 bar	+/- 2 bar
PMN 150	50 - 150 bar	300 bar	+/- 5 bar
PMN 250	100 - 250 bar	600 bar	+/- 10 bar
PMN 300	50 - 300 bar	600 bar	+/- 15 bar

STANDARD SWITCHES

Diaphragm/Piston seal = Nitrile (NBR)

Body = Steel, zinc plated

Thread = 1/4" BSP (parallel)

FREE ADJUSTMENT

Adjustment is free of charge, please advise Rising and/or Falling pressure.

(1) De-greased for use with Oxygen up to 200 bar - PMN 1 to PMN 80 only

(2) Brass maximum pressure = 80 bar

(3) Contact us for s/steel maximum pressures

(4) Stainless steel membranes 80 bar max pressure

Switch electrical rating	24Vdc/0.5A (res) 0.2A (ind) 48Vdc/ 0.5A (res) 0.2A (ind)	Diaphragm/Piston material	Nitrile (standard) see options
Protection	IP00 (Caps 1; 3 & 10 = IP54)	Body material	Brass, Steel or S/Steel
Pressure adjustment range	0.1 to 300 bar	Thread	1/4" BSP (standard)
Maximum pressure	Up to 600 bar	Temperature range	See diaphragm/piston spec
		Tightening torque	5 Kgm

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