

0180

Diaphragm pressure switches max 250 V

- Zinc-plated steel body, with spade terminals
- With snap action switch and silver contacts
- Overpressure safe to **1450/4350** psi¹⁾
- Adjustable differential at factory
- See page 7 for electrical properties

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RoHS COMPLIANT

0180 Diaphragm pressure switches with spade terminals

Adjustment range in psi	Tolerance in psi (at room temperature)	Thread	Order number	p _{max.} in psi
4.35 – 21.75	± 2.9	M 10x1 taper	0180 457 01 001	1450 ¹⁾
		1/4" BSPP	0180 457 03 003	
		1/8" NPT	0180 457 04 318	
		1/4" NPT	0180 457 09 314	
		7/16 – 20 UNF	0180 457 20 301	
		9/16 – 18 UNF	0180 457 21 302	
14.5 – 145	± 7.25	M 10x1 taper	0180 458 01 004	
		1/4" BSPP	0180 458 03 006	
		1/8" NPT	0180 458 04 319	
		1/4" NPT	0180 458 09 310	
		7/16 – 20 UNF	0180 458 20 303	
		9/16 – 18 UNF	0180 458 21 304	
14.5 – 145	± 7.25	M 10x1 taper	0180 458 01 040	4350 ¹⁾
		1/4" BSPP	0180 458 03 042	
		1/8" NPT	0180 458 04 343	
		1/4" NPT	0180 458 09 340	
		7/16 – 20 UNF	0180 458 20 341	
		9/16 – 18 UNF	0180 458 21 342	
145 – 725	± 43.5	M 10x1 taper	0180 459 01 007	
		1/4" BSPP	0180 459 03 009	
		1/8" NPT	0180 459 04 320	
		1/4" NPT	0180 459 09 311	
		7/16 – 20 UNF	0180 459 20 305	
		9/16 – 18 UNF	0180 459 21 306	
145 – 1450	± 72.5	M 10x1 taper	0180 461 01 010	
		1/4" BSPP	0180 461 03 012	
		1/8" NPT	0180 461 04 321	
		1/4" NPT	0180 461 09 312	
		7/16 – 20 UNF	0180 461 20 307	
		9/16 – 18 UNF	0180 461 21 308	

Order number
Add figure for diaphragm/seal material

0180 XXX XX X XXX

NBR (BunaN)	Hydraulic / machine oil, turpentine, heating oil, air etc.	=	1
EPDM	Hydrogen, acetylene, ozone, brake fluid etc.	=	2
FKM	Hydraulic fluids (HFA, HFB, HFC, HFD), petrol/gasoline etc.	=	3
See page 21 for temperature ranges of diaphragm/seal materials			

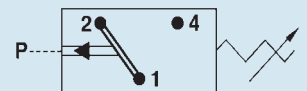
With male thread



- Also available with switching point preset in our factory.
- For ready-wired variants, see page 34 onwards.
- Other body materials and connection threads on request.
- Other diaphragm / seal materials on request, e.g. HNBR, silicone (last one for diaphragm type only).



Accessories: see page 33



For further technical data, see page 21.

