

0170

Diaphragm pressure switches max 42 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

info@suco-tech.com
 330-722-1145
 www.suco-tech.com



RoHS COMPLIANT

0170 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	0170 457 01 001	1450 ¹⁾
		1/4" BSPP	0170 457 03 003	
		1/8" NPT	0170 457 04 318	
		1/4" NPT	0170 457 09 314	
		7/16 – 20 UNF	0170 457 20 301	
		9/16 – 18 UNF	0170 457 21 302	
14.5 – 145	± 7.25	M 10x1 taper	0170 458 01 004	
		1/4" BSPP	0170 458 03 006	
		1/8" NPT	0170 458 04 319	
		1/4" NPT	0170 458 09 315	
		7/16 – 20 UNF	0170 458 20 303	
		9/16 – 18 UNF	0170 458 21 304	
14.5 – 145	± 7.25	M 10x1 taper	0170 458 01 040	4350 ¹⁾
		1/4" BSPP	0170 458 03 042	
		1/8" NPT	0170 458 04 343	
		1/4" NPT	0170 458 09 340	
		7/16 – 20 UNF	0170 458 20 341	
		9/16 – 18 UNF	0170 458 21 342	
145 – 725	± 43.5	M 10x1 taper	0170 459 01 007	
		1/4" BSPP	0170 459 03 009	
		1/8" NPT	0170 459 04 320	
		1/4" NPT	0170 459 09 316	
		7/16 – 20 UNF	0170 459 20 305	
		9/16 – 18 UNF	0170 459 21 306	
145 – 1450	± 43.5 – 72.5	M 10x1 taper	0170 461 01 010	
		1/4" BSPP	0170 461 03 012	
		1/8" NPT	0170 461 04 321	
		1/4" NPT	0170 461 09 317	
		7/16 – 20 UNF	0170 461 20 307	
		9/16 – 18 UNF	0170 461 21 308	

Order number
 Add figure for diaphragm/seal material

017X 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			

Warning!

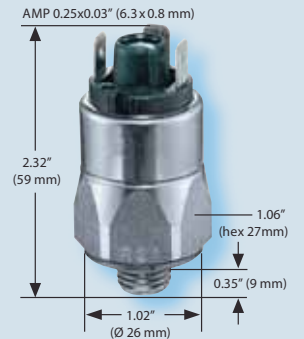
When using with oxygen, the relevant accident-prevention regulations must be observed. In addition, we recommend that a maximum operating pressure of 145 psi is not exceeded.

¹⁾ Static pressure, dynamic pressures should be 30 to 50% lower. These values refer to the hydraulic or pneumatic part of the pressure switch.

Degree of protection IP65

The type approval does not apply without restriction to all environmental conditions. It is the responsibility of the user to check whether the connection complies with regulations other than those stated, and whether it can be used for special applications which could not be foreseen by us in advance.

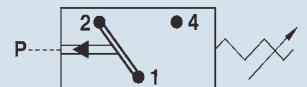
With male thread



- 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.