

0167

Diaphragm pressure switches max 42 V

Brass body

With M3 screw or spade terminals

Overpressure safe to **290 psi**¹⁾

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



RoHS COMPLIANT

Adjustment range in psi (tolerance at room temperature)	Thread	SPST-NO (normally open) → :	SPST-NC (normally closed) → :
---	--------	-----------------------------	-------------------------------

0167 Diaphragm pressure switches with screw terminals

1.45 – 14.5 (± 2.90)	M 10x1 taper	0167 401 01	001	0167 402 01	004
	1/8" BSPT	0167 401 12	002	0167 402 12	005
	1/2" BSPT	0167 401 07	003	0167 402 07	006
14.5 – 145 (± 7.25)	M 10x1 taper	0167 405 01	013	0167 406 01	016
	1/8" BSPT	0167 405 12	014	0167 406 12	017
	1/2" BSPT	0167 405 07	015	0167 406 07	018
145 – 290 (± 14.5)	M 10x1 taper	0167 409 01	025	0167 410 01	028
	1/8" BSPT	0167 409 12	026	0167 410 12	029
	1/2" BSPT	0167 409 07	027	0167 410 07	030

0167 Diaphragm pressure switches with spade terminals

1.45 – 14.5 (± 2.90)	M 10x1 taper	0167 403 01	007	0167 404 01	010
	1/8" BSPT	0167 403 12	008	0167 404 12	011
	1/2" BSPT	0167 403 07	009	0167 404 07	012
14.5 – 145 (± 7.25)	M 10x1 taper	0167 407 01	019	0167 408 01	022
	1/8" BSPT	0167 407 12	020	0167 408 12	023
	1/2" BSPT	0167 407 07	021	0167 408 07	024
145 – 290 (± 14.5)	M 10x1 taper	0167 411 01	031	0167 412 01	034
	1/8" BSPT	0167 411 12	032	0167 412 12	035
	1/2" BSPT	0167 411 07	033	0167 412 07	036

Order number:
Add figure for
diaphragm/seal material

0167 XXX XX **X** XXX 0167 XXX XX **X** XXX

NBR (BunaN)	Hydraulic / machine oil, turpentine, heating oil, air etc.	=	1	=	1
EPDM	Water, hydrogen, acetylene, ozone, brake fluid etc.	=	2	=	2
FKM	Hydraulic fluids (HFA, HFB, HFC, HFD), petrol/gasoline etc.	=	3	=	3

See page 10 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 19

