



RoHS COMPLIANT

0169

Piston pressure switches max 42 V

Zinc-plated steel body
With M3 screw or spade terminals
Overpressure safe to **8700 psi** ¹⁾

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



0169 Piston pressure switches with screw terminals

Adjustment range in psi (tolerance at room temperature)	Thread	SPST-NO (normally open) → :				SPST-NC (normally closed) → :			
725 – 2175 (± 72.5)	M 10x1 taper	0169	417	01	001	0169	418	01	005
	M 12x1.5	0169	417	02	002	0169	418	02	006
	1/4" BSPP	0169	417	03	003	0169	418	03	007
	1/8" NPT	0169	417	04	004	0169	418	04	008
	1/4" NPT	0169	417	09	309	0169	418	09	310
	7/16 – 20 UNF	0169	417	20	301	0169	418	20	303
	9/16 – 18 UNF	0169	417	21	302	0169	418	21	304

0169 Piston pressure switches with spade terminals

Adjustment range in psi (tolerance at room temperature)	Thread	SPST-NO (normally open) → :				SPST-NC (normally closed) → :			
725 – 2175 (± 72.5)	M 10x1 taper	0169	419	01	009	0169	420	01	013
	M 12x1.5	0169	419	02	010	0169	420	02	014
	1/4" BSPP	0169	419	03	011	0169	420	03	015
	1/8" NPT	0169	419	04	012	0169	420	04	016
	1/4" NPT	0169	419	09	311	0169	420	09	312
	7/16 – 20 UNF	0169	419	20	305	0169	420	20	307
	9/16 – 18 UNF	0169	419	21	306	0169	420	21	308

Order number:
Add figure for diaphragm/seal material

0169 XXX XX **X** XXX 0169 XXX XX **X** XXX

NBR (BunaN)	Hydraulic / machine oil, turpentine, heating oil, air etc.	=	1	=	1
EPDM	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.