

0190

Diaphragm pressure switches max 42 V

Zinc-plated steel body, with spade terminals
 With snap action switch and gold contacts
 Overpressure safe to **1450/4350** psi¹⁾
 Adjustable differential at factory

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RoHS COMPLIANT

0190 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	0190 457 01 001	1450 ¹⁾
		1/4" BSPP	0190 457 03 003	
		1/8" NPT	0190 457 04 318	
		1/4" NPT	0190 457 09 314	
		7/16 – 20 UNF	0190 457 20 301	
		9/16 – 18 UNF	0190 457 21 302	
14.5 – 145	± 7.25	M 10x1 taper	0190 458 01 004	
		1/4" BSPP	0190 458 03 006	
		1/8" NPT	0190 458 04 319	
		1/4" NPT	0190 458 09 315	
		7/16 – 20 UNF	0190 458 20 303	
		9/16 – 18 UNF	0190 458 21 304	
14.5 – 145	± 7.25	M 10x1 taper	0190 458 01 040	4350 ¹⁾
		1/4" BSPP	0190 458 03 042	
		1/8" NPT	0190 458 04 343	
		1/4" NPT	0190 458 09 340	
		7/16 – 20 UNF	0190 458 20 341	
		9/16 – 18 UNF	0190 458 21 342	
145 – 725	± 43.5	M 10x1 taper	0190 459 01 007	
		1/4" BSPP	0190 459 03 009	
		1/8" NPT	0190 459 04 320	
		1/4" NPT	0190 459 09 316	
		7/16 – 20 UNF	0190 459 20 305	
		9/16 – 18 UNF	0190 459 21 306	
145 – 1450	43.5 - 72.5	M 10x1 taper	0190 461 01 010	
		1/4" BSPP	0190 461 03 012	
		1/8" NPT	0190 461 04 321	
		1/4" NPT	0190 461 09 317	
		7/16 – 20 UNF	0190 461 20 307	
		9/16 – 18 UNF	0190 461 21 308	

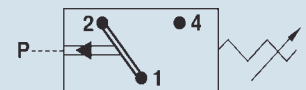
With male thread



- 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.

Order number
 Add figure for diaphragm/seal material

0190 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			

