

0169

Piston pressure switches up to 42 V

- Made of zinc-plated steel (CrVI-free)
- Spade or M3 screw terminal
- Overpressure safety up to 600 bar¹⁾

Adjustment range (Tolerance at room temperature)	Male thread	Article number NO → :	Article number NC → :
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0169 Piston pressure switches with spade terminal

50 - 150 (± 5) bar	G 1/4	0169 - 419 03 - X - 011	0169 - 420 03 - X - 015
	G 1/8	0169 - 419 28 - X - 603	0169 - 420 28 - X - 604
	M 10x1 cyl.	0169 - 419 13 - X - 003	0169 - 420 13 - X - 004
	M 10x1 con.	0169 - 419 01 - X - 009	0169 - 420 01 - X - 013
	M 12x1.5 cyl.	0169 - 419 02 - X - 010	0169 - 420 02 - X - 014
	NPT 1/8	0169 - 419 04 - X - 012	0169 - 420 04 - X - 016
100 - 200 (± 5) bar ²⁾	G 1/4 DIN 3852-2-A	0169 - 493 60 - X - 011	0169 - 494 60 - X - 015
	M 12x1.5 DIN 3852-1-A	0169 - 493 68 - X - 010	0169 - 494 68 - X - 014

0169 Piston pressure switches with M3 screw terminal

50 - 150 (± 5) bar	G 1/4	0169 - 417 03 - X - 003	0169 - 418 03 - X - 007
	G 1/8	0169 - 417 28 - X - 601	0169 - 418 28 - X - 602
	M 10x1 cyl.	0169 - 417 13 - X - 001	0169 - 418 13 - X - 002
	M 10x1 con.	0169 - 417 01 - X - 001	0169 - 418 01 - X - 005
	M 12x1.5 cyl.	0169 - 417 02 - X - 002	0169 - 418 02 - X - 006
	NPT 1/8	0169 - 417 04 - X - 004	0169 - 418 04 - X - 008
100 - 200 (± 5) bar ²⁾	G 1/4 DIN 3852-2-A	0169 - 491 60 - X - 003	0169 - 492 60 - X - 007
	M 12x1.5 DIN 3852-1-A	0169 - 491 68 - X - 002	0169 - 492 68 - X - 006

Seal material – Application areas

NBR	Hydraulic/machine oil, air, nitrogen, etc.	1
EPDM	Brake fluid, hydrogen, oxygen, acetylene, etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
FFKM	Hot water, chemical acids, diluted alkalis, ketones, esters, alcohols	6
HNBR	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 41 for the temperature range and application thresholds of sealing materials.

Article number: **0169 - XXX XX - X - XXX**

M.3
hex 24



M

¹⁾ Static value. Dynamic value is 30-50 % lower. Values pertain to the hydraulic/pneumatic part of the pressure switch.

²⁾ Further thread types are available from a minimum order quantity of 500 pieces.

