

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	Order number NO → :	Order number NC → :
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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

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

Seal material – Application areas

NBR	Hydraulic/machine oil, heating oil, air, nitrogen, etc.	1
EPDM	Brake fluid, hydrogen, oxygen, acetylene, etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
HNBR	Hydraulic/machine oil, ester-based bio-oils	9

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

Your order number:

0169 – XXX XX – X – XXX

M.3

hex 24



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