0169

Diaphragm pressure switches up to 42 V

- Made of zinc-plated steel (CrVI-free)
- Spade or M3 screw terminal
- Overpressure safety up to 600 bar[1)]

M.3
hex 24

Adjustment range (Tolerance at room temperature)	Male thread	Order number NO —› |:	Order number NC —› :|

0169 Piston pressure switches with spade terminal

50 - 150 (± 5) bar	G1/4	0169 - 419 03 - X - 011	0169 - 420 03 - X - 015
	G1/8	0169 - 419 28 - X - 603	0169 - 420 28 - X - 604
	M10x1 cyl.	0169 - 419 13 - X - 003	0169 - 420 13 - X - 004
	M10x1 con.	0169 - 419 01 - X - 009	0169 - 420 01 - X - 013
	M12x1.5 cyl.	0169 - 419 02 - X - 010	0169 - 420 02 - X - 014
	NPT1/8	0169 - 419 04 - X - 012	0169 - 420 04 - X - 016
100 - 200 (± 5) bar	G1/4	0169 - 493 03 - X - 011	0169 - 494 03 - X - 015
	G1/8	0169 - 493 28 - X - 603	0169 - 494 28 - X - 604
	M10x1 cyl.	0169 - 493 13 - X - 003	0169 - 494 13 - X - 004
	M10x1 con.	0169 - 493 01 - X - 009	0169 - 494 01 - X - 013
	M12x1.5 cyl.	0169 - 493 02 - X - 010	0169 - 494 02 - X - 014
	NPT1/8	0169 - 493 04 - X - 012	0169 - 494 04 - X - 016

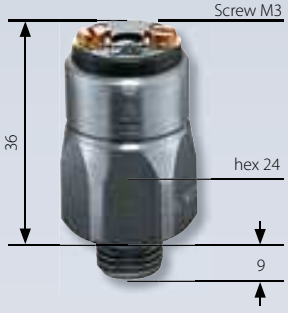
AMP 6.3 x 0.8
Galvanically tin-plated



0169 Piston pressure switches with M3 screw terminal

50 - 150 (± 5) bar	G1/4	0169 - 417 03 - X - 003	0169 - 418 03 - X - 007
	G1/8	0169 - 417 28 - X - 601	0169 - 418 28 - X - 602
	M10x1 cyl.	0169 - 417 13 - X - 001	0169 - 418 13 - X - 002
	M10x1 con.	0169 - 417 01 - X - 001	0169 - 418 01 - X - 005
	M12x1.5 cyl.	0169 - 417 02 - X - 002	0169 - 418 02 - X - 006
	NPT1/8	0169 - 417 04 - X - 004	0169 - 418 04 - X - 008
100 - 200 (± 5) bar	G1/4	0169 - 491 03 - X - 003	0169 - 492 03 - X - 007
	G1/8	0169 - 491 28 - X - 601	0169 - 492 28 - X - 602
	M10x1 cyl.	0169 - 491 13 - X - 001	0169 - 492 13 - X - 002
	M10x1 con.	0169 - 491 01 - X - 001	0169 - 492 01 - X - 005
	M12x1.5 cyl.	0169 - 491 02 - X - 002	0169 - 492 02 - X - 006
	NPT1/8	0169 - 491 04 - X - 004	0169 - 492 04 - X - 008

Screw M3



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
FFKM	Chemical acids, diluted alkalis, ketones, ester's, 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.

Your order number:	0169 – XXX XX – X – XXX

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