

M.6

hex 24
PS PLUS



0411 / 0413 / 0415 / 0417 / 0419 / 0423 / 0425

Piston pressure switches, up to 42 V with supplementary functions

- Zinc-plated steel (CrVI-free)
- Overpressure safety up to 600 bar¹⁾
- Burst pressure safety up to 700 bar¹⁾

Plug-in types for piston pressure switches

Deutsch DT04-2P	0411 - XXX XX - X - 001	0411 - XXX XX - X - 002
AMP Superseal 1.5*	0413 - XXX XX - X - 001	0413 - XXX XX - X - 002
Packard MetriPack 280	0415 - XXX XX - X - 001	0415 - XXX XX - X - 002
Deutsch DT04-3P	0417 - XXX XX - X - 001	0417 - XXX XX - X - 002
AMP Junior Timer*	0419 - XXX XX - X - 001	0419 - XXX XX - X - 002
M12x1 DIN EN 61076-2-101-A (PIN 1+3)	0423 - XXX XX - X - 001	0423 - XXX XX - X - 002
M12x1 DIN EN 60947-5-2 (PIN 1+2 / PIN 1+4)	0425 - XXX XX - X - 001	0425 - XXX XX - X - 002

Adjustment range (tolerance at room temperature)	Male thread	Article number NO → :	Article number NC → :
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04XX Piston pressure switches

50 - 150 (± 5.0) bar	G 1/4	04XX - X 19 03 - X - 001	04XX - X 20 03 - X - 002
	G 1/8	04XX - X 19 28 - X - 001	04XX - X 20 28 - X - 002
	M 10x1 cyl.	04XX - X 19 13 - X - 001	04XX - X 20 13 - X - 002
	M 10x1 con.	04XX - X 19 01 - X - 001	04XX - X 20 01 - X - 002
	M 12x1.5	04XX - X 19 02 - X - 001	04XX - X 20 02 - X - 002
	NPT 1/8	04XX - X 19 04 - X - 001	04XX - X 20 04 - X - 002

Supplementary functions

Resistor	Diagnostics function	R XX XX
Varistor	Overvoltage protection	V XX XX
NTC thermistor	Filter monitoring	N XX XX
PTC thermistor	Overcurrent protection	P XX XX
LED	Display	L XX XX
Multifuse, PPTC	Overcurrent protection	M XX XX



Seal material – Application areas

NBR	Hydraulic/machine oil, heating oil, air, nitrogen, etc.	1
EPDM	Brake fluid, water, 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 24 for the temperature range and application thresholds of sealing materials.



Article number: 04XX - XXX XX - X - 00X

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