

M.2

hex 27 integrated

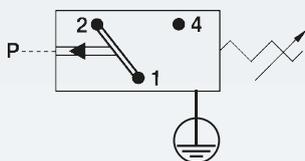
0184

Diaphragm pressure switches up to 250 V

- Made of zinc-plated steel (CrVI-free, other housing materials available as option)
- Socket device similar to DIN EN 175301 (DIN 43650)
- Changeover with silver contacts
- Overpressure safety up to 100 / 400 bar¹⁾
- Hysteresis adjustable at factory



Socket device included in the delivery



p_{max} in bar	Adjustment range in bar	Tolerance at room temperature in bar	Male thread	Article number
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0184 Diaphragm pressure switches

100 ¹⁾	0.3 - 1.5	± 0.2	G 1/4	0184 - 457 03 - X - 003
			M 10x1 con.	0184 - 457 01 - X - 001
			M 12x1.5 cyl.	0184 - 457 02 - X - 002
			NPT 1/8	0184 - 457 04 - X - 318
			NPT 1/4	0184 - 457 09 - X - 314
			7/16-20 UNF	0184 - 457 20 - X - 301
400 ¹⁾	10 - 50	± 3.0	9/16-18 UNF	0184 - 457 21 - X - 302
			G 1/4	0184 - 458 03 - X - 042
			M 10x1 con.	0184 - 458 01 - X - 040
			M 12x1.5 cyl.	0184 - 458 02 - X - 041
			NPT 1/8	0184 - 458 04 - X - 343
			NPT 1/4	0184 - 458 09 - X - 340
400 ¹⁾	10 - 50	± 3.0	7/16-20 UNF	0184 - 458 20 - X - 341
			9/16-18 UNF	0184 - 458 21 - X - 342
			G 1/4	0184 - 459 03 - X - 009
			M 10x1 con.	0184 - 459 01 - X - 007
			M 12x1.5 cyl.	0184 - 459 02 - X - 008
			NPT 1/8	0184 - 459 04 - X - 320
400 ¹⁾	10 - 50	± 3.0	NPT 1/4	0184 - 459 09 - X - 311
			7/16-20 UNF	0184 - 459 20 - X - 305
			9/16-18 UNF	0184 - 459 21 - X - 306
			G 1/4	0184 - 461 03 - X - 012
			M 10x1 con.	0184 - 461 01 - X - 010
			M 12x1.5 cyl.	0184 - 461 02 - X - 011
400 ¹⁾	10 - 100	± 3.0 - 5.0	NPT 1/8	0184 - 461 04 - X - 321
			NPT 1/4	0184 - 461 09 - X - 312
			7/16-20 UNF	0184 - 461 20 - X - 307
			9/16-18 UNF	0184 - 461 21 - X - 308

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
HNBR²⁾	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 33 for the temperature range and application thresholds of sealing materials.



Article number:

0184 - XXX XX - X - XXX



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

²⁾ HNBR diaphragm not available for pressure ranges 0.3 - 1.5 bar.

0185

Piston pressure switches up to 250 V

- Made of zinc-plated steel (CrVI-free, other housing materials available as option)
- Socket device similar to DIN EN 175301 (DIN 43650)
- Changeover with silver contacts
- Overpressure safety up to 700 bar ¹⁾
- Hysteresis adjustable at factory

p_{max} in bar	Adjustment range in bar	Tolerance at room temperature in bar	Male thread	Article number
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0185 Piston pressure switches

700 ¹⁾²⁾	50 - 200	± 5.0	G 1/4	0185 - 460 03 - X - 003
			M 10x1 con.	0185 - 460 01 - X - 001
			M 12x1.5 cyl.	0185 - 460 02 - X - 002
			NPT 1/4	0185 - 460 09 - X - 303
			7/16-20 UNF	0185 - 460 20 - X - 301
			9/16-18 UNF	0185 - 460 21 - X - 302

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
HNBR	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 33 for the temperature range and application thresholds of sealing materials.

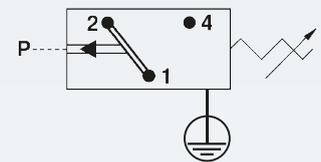
Article number: **0185 - 460 XX - X - XXX**

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SUCO



Socket device
included in the delivery



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

²⁾ Excluding the thread sizes G 1/8, R 1/8, NPT 1/8 and M 10x1 cylindrical/conical.

