

0140 / 0141

Diaphragm / piston pressure switches 250 V

- Protection class 2, protective insulation ☐
- Zinc-plated steel (CrVI-free)
- Changeover with silver contacts
- Overpressure safety up to 300 / 600 bar¹⁾
- Includes polyamide cap, protection class IP65

p _{max.} in bar	Adjustment range in bar	Tolerance in bar at room temperature	Male thread	Order number
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0140 Diaphragm pressure switches with screw terminals

300 ¹⁾	0.3 – 1.5	± 0.2	G 1/4	0140 – 457 03 – X – 003
			NPT 1/8	0140 – 457 04 – X – 300
			NPT 1/4	0140 – 457 09 – X – 305
			7/16-20 UNF	0140 – 457 20 – X – 310
			9/16-18 UNF	0140 – 457 21 – X – 315
	1 – 10	± 0.5	G 1/4	0140 – 458 03 – X – 006
			NPT 1/8	0140 – 458 04 – X – 301
			NPT 1/4	0140 – 458 09 – X – 306
			7/16-20 UNF	0140 – 458 20 – X – 311
			9/16-18 UNF	0140 – 458 21 – X – 316
	10 – 20	± 1.0	G 1/4	0140 – 459 03 – X – 009
			NPT 1/8	0140 – 459 04 – X – 302
			NPT 1/4	0140 – 459 09 – X – 307
			7/16-20 UNF	0140 – 459 20 – X – 312
			9/16-18 UNF	0140 – 459 21 – X – 317
	20 – 50	± 2.0	G 1/4	0140 – 461 03 – X – 012
			NPT 1/8	0140 – 461 04 – X – 303
			NPT 1/4	0140 – 461 09 – X – 308
			7/16-20 UNF	0140 – 461 20 – X – 313
			9/16-18 UNF	0140 – 461 21 – X – 318

0141 Piston pressure switches with screw terminals

600 ¹⁾	50 – 150	± 5.0	G 1/4	0141 – 460 03 – X – 003
			NPT 1/8	0141 – 460 04 – X – 304
			NPT 1/4	0141 – 460 09 – X – 309
			7/16-20 UNF	0141 – 460 20 – X – 314
			9/16-18 UNF	0141 – 460 21 – X – 319

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

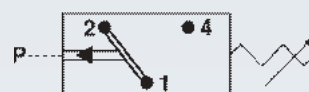
Refer to page 53 for the temperature range and application thresholds of sealing materials.

Your order number:

014X – XXX XX – X – XXX

M.4

hex 27



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