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 bar[1)]
- Includes polyamide cap, protection class IP65

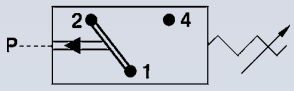
0140 Diaphragm pressure switches with screw terminals

p_{max} in bar	Adjustment range in bar	Tolerance at room temperature in bar	Male thread	Order number
300[1)]	0.3 - 1.5	± 0.2	G1/4	0140 - 457 03 - X - 003
			NPT1/8	0140 - 457 04 - X - 300
			NPT1/4	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	G1/4	0140 - 458 03 - X - 006
			NPT1/8	0140 - 458 04 - X - 301
			NPT1/4	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	G1/4	0140 - 459 03 - X - 009
			NPT1/8	0140 - 459 04 - X - 302
			NPT1/4	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	G1/4	0140 - 461 03 - X - 012
			NPT1/8	0140 - 461 04 - X - 303
			NPT1/4	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	G1/4	0141 - 460 03 - X - 003
			NPT1/8	0141 - 460 04 - X - 304
			NPT1/4	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
FFKM	Chemical acids, diluted alkalis, ketones, ester's, alcohols	6
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

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