

# 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<sup>1)</sup>
- Includes polyamide cap, protection class IP65

p <sub>max</sub> in bar	Adjustment range in bar	Tolerance at room temperature in bar	Male thread	Article number
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### 0140 Diaphragm pressure switches with screw terminals

p <sub>max</sub> in bar	Adjustment range in bar	Tolerance at room temperature in bar	Male thread		Article number
			G1/4	NPT1/8	
300 <sup>1)</sup>	0.3 - 1.5	± 0.2	G1/4	NPT1/8	0140 - 457 03 - X - 003
			NPT1/4	7/16-20 UNF	0140 - 457 04 - X - 300
			7/16-20 UNF	9/16-18 UNF	0140 - 457 09 - X - 305
			9/16-18 UNF		0140 - 457 20 - X - 310
					0140 - 457 21 - X - 315
	1 - 10	± 0.5	G1/4	NPT1/8	0140 - 458 03 - X - 006
			NPT1/4	7/16-20 UNF	0140 - 458 04 - X - 301
			7/16-20 UNF	9/16-18 UNF	0140 - 458 09 - X - 306
			9/16-18 UNF		0140 - 458 20 - X - 311
					0140 - 458 21 - X - 316
	10 - 20	± 1.0	G1/4	NPT1/8	0140 - 459 03 - X - 009
			NPT1/4	7/16-20 UNF	0140 - 459 04 - X - 302
7/16-20 UNF			9/16-18 UNF	0140 - 459 09 - X - 307	
9/16-18 UNF				0140 - 459 20 - X - 312	
				0140 - 459 21 - X - 317	
20 - 50	± 2.0	G1/4	NPT1/8	0140 - 461 03 - X - 012	
		NPT1/4	7/16-20 UNF	0140 - 461 04 - X - 303	
		7/16-20 UNF	9/16-18 UNF	0140 - 461 09 - X - 308	
		9/16-18 UNF		0140 - 461 20 - X - 313	
				0140 - 461 21 - X - 318	

### 0141 Piston pressure switches with screw terminals

p <sub>max</sub> in bar	Adjustment range in bar	Tolerance at room temperature in bar	Male thread		Article number
			G1/4	NPT1/8	
600 <sup>1)</sup>	50 - 150	± 5.0	G1/4	NPT1/8	0141 - 460 03 - X - 003
			NPT1/4	7/16-20 UNF	0141 - 460 04 - X - 304
			7/16-20 UNF	9/16-18 UNF	0141 - 460 09 - X - 309
			9/16-18 UNF		0141 - 460 20 - X - 314
					0141 - 460 21 - X - 319

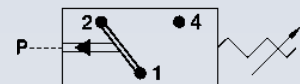
### Seal material – Application areas

Seal material	Application areas	Code
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.

Article number: **014X - XXX XX - X - XXX**

M.4  
hex 27



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

