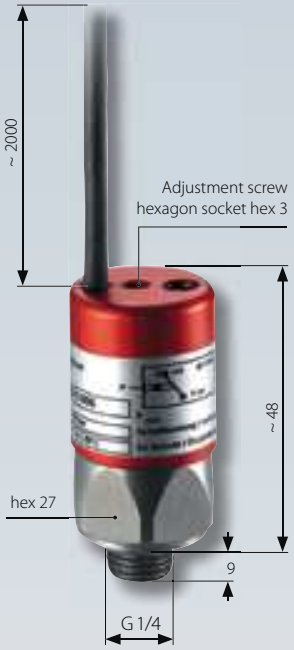
0340 / 0341

Diaphragm / piston pressure switches up to 250 V

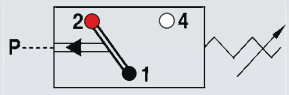
ATEX CE II 3D IP65 T90°C (dust protection zone 22)

- Zinc-plated steel housing (CrVI-free), with anodised aluminium protective cap
- Changeover with silver contacts
- Operation voltage up to 250 V, protection class 2, protective insulation ⧈
- Overpressure safety up to 300 / 600 bar[1)]



Contact assignment

- ● 1 = black
- ● 2 = red
- ○ 4 = white



p_{max} in bar	Adjustment range in bar	Tolerance at room temperature in bar	Thread	Order number
0340 Diaphragm pressure switches				
300[1)]	0.3 – 1.5	± 0.2	G 1/4	0340 - 457 03 - X - 003
	1 – 10	± 0.5 – 1.0		0340 - 458 03 - X - 006
	10 – 20	± 1.0		0340 - 459 03 - X - 009
	20 – 50	± 2.0		0340 - 461 03 - X - 012
0341 Piston pressure switches				
600[1)]	50 – 150	± 5.0	G 1/4	0341 - 460 03 - X - 003

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

Refer to page 82 for the temperature range and application thresholds of sealing materials.

Your order number:	034X – XXX 03 – X – XXX

Piston pressure switches only have limited suitability for use with gases (refer to Page 14 for explanations).

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