0161 / 0162

Diaphragm / piston pressure switch up to 250 V

- Aluminium housing
- Changeover with silver contacts
- Overpressure safety up to 200 / 600 bar[1)]
- Socket device similar to DIN EN 175301 (DIN 43650)
- Hysteresis adjustable at factory

p_{max} in bar	Adjustment range in bar	Tolerance at room temperature in bar	Dimension A in mm	Order number

With female G 1/4 thread

0161 Diaphragm pressure switches

200[1)]	0.5 – 1	± 0.2		0161 - 436 14 - X - 001
	0.5 – 5	± 0.2 – 0.5		0161 - 437 14 - X - 001
	1 – 10	± 0.5		0161 - 438 14 - X - 001
	10 – 50	± 1.0		0161 - 439 14 - X - 001
	50 – 100	± 3.0 - 5.0		0161 - 440 14 - X - 001

0161 Piston pressure switches

600[1)]	100 - 400	± 5.0 - 9.0		0161 - 441 14 - X - 001

Block style (with O-ring NBR 5 x 1.5 mm)

0162 Diaphragm pressure switches

200[1)]	0.5 – 1	± 0.2	15	0162 - 436 14 - X - 001
	0.5 – 5	± 0.2 – 0.5		0162 - 437 14 - X - 001
	1 – 10	± 0.5		0162 - 438 14 - X - 001
	10 – 50	± 3.0		0162 - 439 14 - X - 001
	50 – 100	± 3.0 – 5.0		0162 - 440 14 - X - 001

0162 Piston pressure switches

600[1)]	100 - 400	± 5.0 - 9.0	19.5	0162 - 441 14 - X - 001

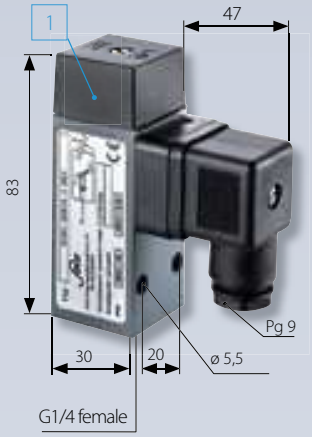
Seal material – Application areas

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

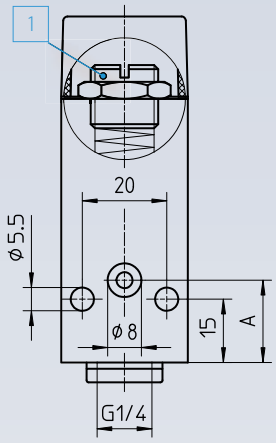
Refer to page 75 for the temperature range and application thresholds of sealing materials.

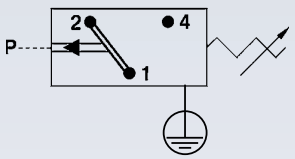
Your order number:	016X – XXX 14 – X – 001

0161 with female thread



0162 Block style





1 **Adjusting the set point**
To adjust the set point, undo the locknut and adjust the set screw M16 using a screwdriver. Clockwise screwing increases the switching pressure. After adjusting, tighten the locknut again.

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

RoHS II compliant