

STANDARD PRESSURE SWITCH series 400

switch-on, switch-off or
throw-over contact, max. 250V



DESCRIPTION:

- working element:
membrane with spring NBR, EPDM, Viton,
piston with spring UR, NBR, Viton,
- switching element: switch-on (NO), switch-off (NC),
throw-over (SW)
- installation position: any
- material: brass, special design stainless steel,
galvanised steel

APPLICATION:

- heating industry
 - hydraulics
- air-conditioning
- cooling systems

TECHNICAL PARAMETERS:

- measuring ranges: 0,3-2bar,
1-10bar, 10-70bar, 50-200bar
- connection thread: G1/4, (M12x1,5, M10x1, G1/8)
 - hysteresis: 15-20%
 - max. el. contact load: 250V AC / 5A
250V DC / 0,25A – resistance or inductive load
- el. connection: 2x FAST ON 6,3 , 3x FAST ON 6,3
 - protection: IP 00, DIN 40050

SPECIFICATION:

Standard pressure switches series 400 are designed for external pressure measuring of applications without high requirements on resistance. They are used for simple pressure measuring of liquids and gases within temperature range - 25+85°C, always according to membrane type, mainly used for air, water, cooling emulsion, hydraulic oils. Other mediums on request. Supplied in design with switch-on (NO) or switch-off (NC), throw-over (SW) contact, membrane or piston designed for wide range of applications. Max. voltage 250V, load max. 5A.

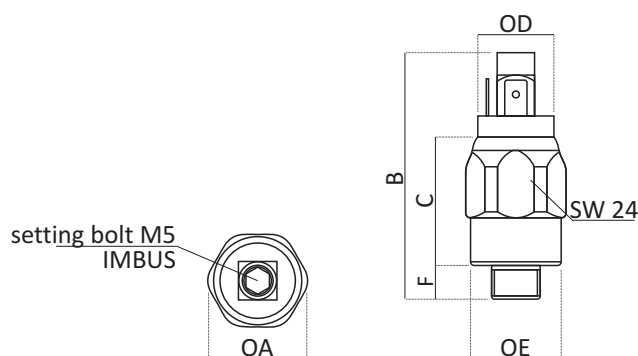
Standard connection thread G1/4" (alternatively M12x1,5, M10x1, G1/8"), material galvanized steel (alternativelely brass or stainless steel).

Membrane material: NBR, EPDM, Viton.

Contact cover may be supplied as an accessory.

Type	411	431	412	432	420	440
Rozsah (bar)	0,3-2 / 1-10	10-70 / 50-200	0,3-2 / 1-10	10-70 / 50-200	0,3-2 / 1-10	10-70 / 50-200
Max.working pr. bar	2 / 10	70 / 200	2 / 10	70 / 200	2 / 10	70 / 200
Destructive pr. (bar)	10 / 20	120 / 300	10 / 20	120 / 300	10 / 20	120 / 300
Working element	membrane with spring	piston with spring - UR	membrane with spring	piston with spring - UR	membrane with spring	piston with spring- UR
Switching element	switch-on cont. NO-microswitch		switch-off cont.-NC-microswitch		throw-over c.-SW-microswitch	
Mech. service life	10 ⁶ cycles					
Connection bolt	G1/4 (M12x1,5; M10x1; G1/8)					
Install. position	any					
Surrounding temp.	-25+85°C, always according to membrane (may be increased on request)					
Medium	air, water, hydraulic oil, oil emulsion, other medium on request					
Setting	bolt with inner hexagon M5 DIN 914 – under pressure					
Hysteresis	15 – 20%					
Switching frequency	max. 200 / min					
Max.el.contact load	250V AC / 5A; 250V DC / 0,25A – resistance and inductive load					
El. connection	2x FAST ON 6,3		2x FAST ON 6,3		3x FAST ON 6,3	
Protection	IP 00, DIN 40050					
Weight	95g					
Material	galvanised steel, special design brass or stainless steel					

- Pressure switch series 400



Dimensions in mm						
A	B	C	D	E	F	SW
26	65	33,8	20	23,8	9	24

Contact wiring diagram

