

Pressure switch Type PS48



Design type	Diaphragm pressure switch with changeover contact
Connection	G1/4" Male thread
Materials	Body stainless steel 1.4305, media-wetted parts stainless steel 1.4305, diaphragm FKM
Application range	slightly aggressive gases and liquids
Switching point adjustment	see figure setting switching point and hysteresis
Reset differential	0,1bar + 5...20% x Switching point
Medium temperature	0...+100°C
Ambient temperature	0...+90°C
Degree of protection	IP65 according to EN 60529 with correctly mounted device connector (protection against dust ingress and water jets)
Switching cycles	2 million
maximum switching frequency	1Hz
Mounting position	any
Scope of delivery	Pressure switch including device socket according to EN175301-803 Form A
Special version	with electrical connection M12x1 (IP67), Indicator lamp socket, silicone-free, Diaphragm NBR, EPDM, NBR-Low-temperature version

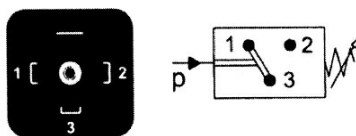
Adjustment range [bar]	Overpressure safety [bar]	Pressure transmission	Weight [kg]	Type
0,2...2	60	Diaphragm	0,15	PS48-14V-0,2/2
1...16	60	Diaphragm	0,15	PS48-14V-1/16

Switching capacities

Voltage [V]	250AC	24DC
Resistive load [A]	4	4
Inductive load [A]	2	2



Electrical connection

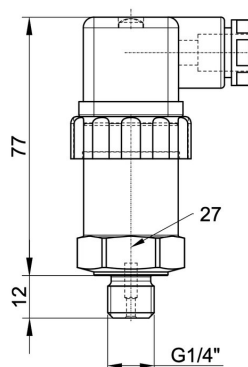


Adjustment Switching point and Hysteresis



S...Switching point, H...Hysteresis

Dimensions



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Pressure switches, measuring instruments and flow monitors / Pressure switch / Pressure switch Series PS48

Version 9

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