Partnership. With Guarantee.

Pressure and vacuum switch Series 901





Design type	Diaphragm pressure switch with changeover contact
Connection	G1/4" Male thread
Materials	Body brass, bonnet PVDF, diaphragm NBR
Switching point adjustment	Switching point adjustment via the handwheel with scale
Accuracy of the reference scale	+/- 10%
Medium temperature	0...+85°C
Ambient temperature	-20...+85°C
Switching capacity AC with resistive load	max. 6A/250VAC
DC switching capacity with resistive load	max. 2A/24VDC
Degree of protection	protective cap ip44, protective cap with pg cable gland ip54, protective cap with connector IP65
Application range	Compressed air, water, neutral gases, neutral oils
Switching cycles	1 million switching cycles
Mounting	via threaded connection or mounting bracket
Scope of delivery	without protective cap
Accessories	Mounting brackets and protective caps IP44, IP54 and IP65
Special version	Gold-plated switching contact, other diaphragm materials, damping nozzles to reduce pressure surges, higher overpressure resistance

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Pressure switch

Adjustment range [mbar]	Overpressure safety [bar]	approx. Reset differential [mbar] non-adjustable	Weight [kg]	Type
5...20	0,5	3	0,13	901.61
10...50	0,5	5	0,13	901.62
25...100	0,5	10	0,13	901.63
50...250	1	20	0,13	901.64
100...500	1	50	0,13	901.65
250...1000	10	150	0,13	901.66
500...1500	10	250	0,13	901.67
1000...3000	10	500	0,13	901.68

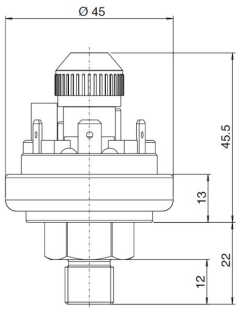
Adjustment range [bar]	Overpressure safety [bar]	Reset differential [bar] non-adjustable	Weight [kg]	Type
1-6	25	0,5-2	0,19	901.91
4-9	25	0,5-2	0,19	901.92

Vacuum switch

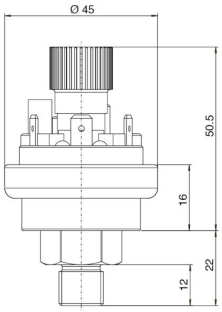
Adjustment range [mbar]	Overpressure safety [bar]	approx. Reset differential [mbar] non-adjustable	Weight [kg]	Type
-5...-20	0,5	3	0,13	901.71
-10...-50	0,5	5	0,13	901.72
-25...-100	0,5	10	0,13	901.73
-50...-125	0,5	20	0,13	901.74
-75...-200	1	25	0,13	901.75
-100...-300	1	30	0,13	901.76
-200...-500	1	75	0,13	901.77
-300...-700	1	75	0,13	901.78

Dimensions

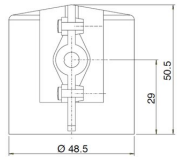
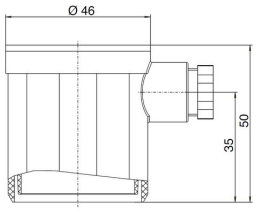
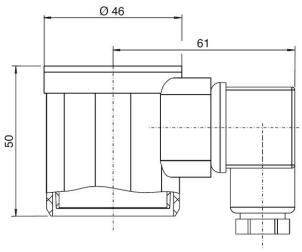
901.6X / 901.7X



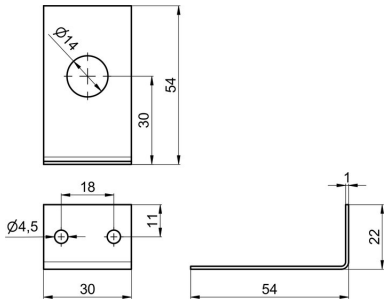
901.9X



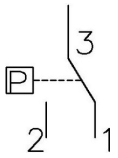
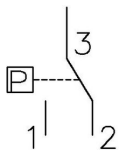
Accessories

Protective cap IP44 Type PC-PVS01-01	Protective cap with PG cable gland Type 6371 (IP54) / 6372 (IP65)	Protective cap with device socket IP65 Type 6379
		

Mounting bracket Type 6403



Electrical connection

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Illustrations non-binding
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