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, Upper part 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 device socket 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 | Switching contact gold-plated, other diaphragm materials, Damping nozzles for reducing pressure surges, higher overpressure safety |



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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 |

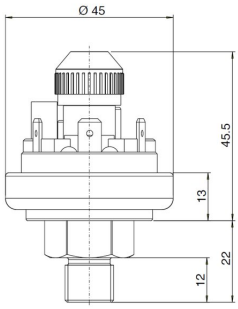
| Adjustment range [bar] | Overpressure safety [bar] | Reset differential [bar] non-adjustable | Weight [kg] | Type |
|---|---|---|---|---|
| 1-6 | 25 | 0,5-2 | 0,19 | 901.91 |
| 4-9 | 25 | 0,5-2 | 0,19 | 901.92 |

## Vacuum switch

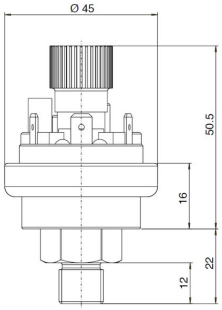
| Adjustment range [mbar] | Overpressure safety [bar] | approx. Reset differential [mbar] non-adjustable | Weight [kg] | Type |
|---|---|---|---|---|
| -5...-20 | 0,5 | 3 | 0,13 | 901.71 |
| -10...-50 | 0,5 | 5 | 0,13 | 901.72 |
| -25...-100 | 0,5 | 10 | 0,13 | 901.73 |
| -50...-125 | 0,5 | 20 | 0,13 | 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

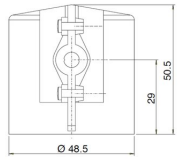
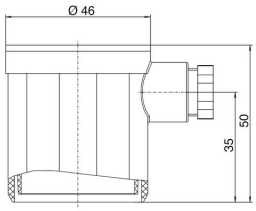
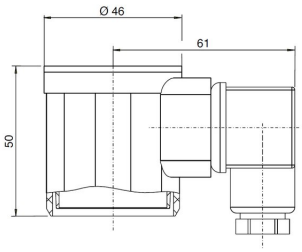
901.6X / 901.7X



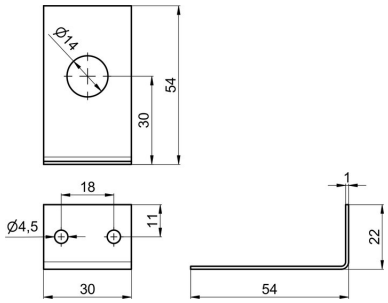

901.9X



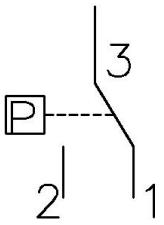
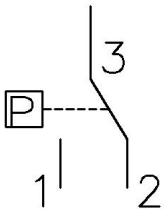
## Accessories

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

Mounting bracket Type 6403




## Electrical connection

| Pressure switch | Vacuum switch |
|---|---|
|  |  |

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