

# Beck.

## The factory-set pressure switch 903 for lower switching values.



### Application

Factory-set pressure switch monitoring over-pressure of liquid and gaseous media. Pressure setting and switching differential are factory set by the manufacturer.

### Temperature range

Ambient temperature  $-20^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ .

### Diaphragm material

NBR.

### Electrical rating

Values indicated for resistive load

AgNi-contacts: 6(1.5) A/250 VAC  
2 A/24 VDC

Gold-plated contacts: 100 mA/24 VAC  
30 mA/24 VDC

AgNi-contacts up to 10 A/250 VAC can be supplied upon request.

### Electrical connection

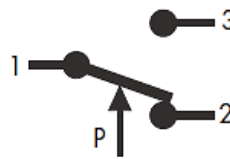
AMP connection 6.3 mm x 0.8 mm DIN 46244.

### Pressure connection

Combined hose and threaded connection: 6.5 mm and G1/4, PPS.

PPS = polyphenylsulfide

### Arrangement of contacts



### CE Conformity

Each depending on technical specification:  
Low Voltage Directive 2014/35/EU;  
RoHS Directive 2011/65/EU.

### Life

Minimum  $10^6$  cycles.

### Damping

Restrictors alternatively with 0.3/0.5/0.8 mm diameter.

### Accessories

Various mounting brackets and protection caps with IP 54 and IP 65.

### Integration and Mounting position

The pressure switch is determined for integration into equipment. The construction of the equipment and the type of integration determines the protection class.

Attention: Flat plugs, rivets and screws can be under voltage.

Mounting in any position.



## Pressure range

| Typ  | Factory-set trip pressure |         | Standard switching differential |                    | Tolerance band of trip pressure | Maximum positive working pressure |
|------|---------------------------|---------|---------------------------------|--------------------|---------------------------------|-----------------------------------|
|      | between                   | and     | lower end of range              | upper end of range |                                 |                                   |
| 903. | 3 mbar                    | 50 mbar | 1,5 mbar                        | 15 mbar            | ± 10 %                          | 300 mbar                          |

## Dimensions

