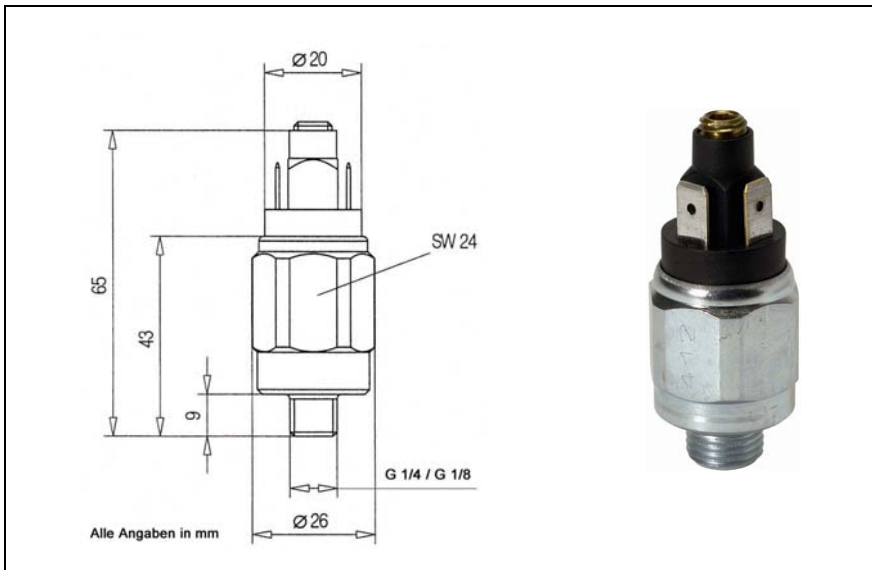




**DS 4013  
DS 4023  
DS 4016  
DS 4026**

**G 1/8  
G 1/4**

**10.0 to 70.0 bar**

Optionally



NC

NO

## Characteristics

|                                    |              |                                                                 |  |                         |
|------------------------------------|--------------|-----------------------------------------------------------------|--|-------------------------|
| <b>Order No.</b>                   | <b>NO</b>    | <b>DS 4013 - 102995</b>                                         |  | <b>DS 4016 - 102998</b> |
| <b>Adjustment range</b>            | <b>[bar]</b> | <b>10.0 to 70.0</b>                                             |  | <b>10.0 to 70.0</b>     |
| <b>Thread</b>                      |              | <b>G 1/8</b>                                                    |  | <b>G 1/4</b>            |
| <b>Order No.</b>                   | <b>NC</b>    | <b>DS 4023 - 103001</b>                                         |  | <b>DS 4026 - 103004</b> |
| <b>Adjustment range</b>            | <b>[bar]</b> | <b>10.0 to 70.0</b>                                             |  | <b>10.0 to 70.0</b>     |
| <b>Thread</b>                      |              | <b>G 1/8</b>                                                    |  | <b>G 1/4</b>            |
| <b>General</b>                     |              |                                                                 |  |                         |
| Type of construction               |              | Spring-loaded piston                                            |  |                         |
| Diaphragm                          |              | UR Special designs: NBR, FKM                                    |  |                         |
| Mounting type                      |              | Male thread                                                     |  |                         |
| Thread                             |              | G 1/4", G 1/8" (standard) M12 x 1.5, M10 x 1 conical on request |  |                         |
| Mounting position                  |              | Any                                                             |  |                         |
| Temperature range (ambient)        |              | -25 °C to +85 °C Higher temperatures on request                 |  |                         |
| Media                              |              | Air, hydraulic oil, oil emulsions, water Other media on request |  |                         |
| Weight [g]                         |              | 95                                                              |  |                         |
| Mechanical endurance               |              | 10 <sup>6</sup>                                                 |  |                         |
| Material                           |              | Galvanised steel Brass, VA on request                           |  |                         |
| Adjustment                         |              | Adjusting screw (M8 to DIN 914)                                 |  |                         |
| <b>Pneumatic</b>                   |              |                                                                 |  |                         |
| Working pressure [bar]             |              | 70                                                              |  | 70                      |
| Burst pressure [bar]               |              | 120                                                             |  | 120                     |
| Adjustment                         |              | Under pressure                                                  |  |                         |
| <b>Differential reset pressure</b> |              | <b>Approx. 15% to 25%</b>                                       |  |                         |
| <b>Electrical</b>                  |              |                                                                 |  |                         |
| <b>Switching voltage</b> ~ / =     |              | Max. <b>42 V</b>                                                |  |                         |
| Switching element                  |              | Microswitch, silver-plated contacts Special design: Gold-plated |  |                         |
| Rated voltage                      |              | 42 V in accordance with EU Directive                            |  |                         |
| Rated frequency                    |              | Max. 100 Hz                                                     |  |                         |
| Max. switching frequency           |              | 200/min.                                                        |  |                         |
| Max. load                          |              | 2 A                                                             |  |                         |
| No. of poles                       |              | 2                                                               |  |                         |
| Electrical connection              |              | Tab connectors 2 x 6.3 x 0.8                                    |  |                         |
| Degree of protection               |              | IP65 with protective cap, <b>terminals to IP00</b> (DIN 40050)  |  |                         |
| Switching capacity                 |              | 100 VA (60 W)                                                   |  |                         |

## Important

It is recommended not to use only the manometric switch to separate the device from the mains. Currents which are too high may damage the contacts. Spark-quenching devices must be provided in inductively loaded DC circuits, e.g. magnets.