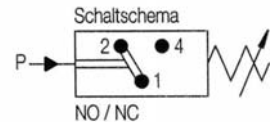


DS 4034 to DS 4035

G 1/4
0.3 to 2.0 bar
1.0 to 10.0 bar

Changeover contact



Characteristics

| Order No. | DS 4034 | DS 4035 |
|----------------------------------|--|---|
| Adjustment range [bar] | 0.3 to 2.0 | 1.0 to 10.0 |
| Thread | G 1/4 | |
| General | | |
| Type of construction | Spring-loaded diaphragm | |
| Diaphragm/seal | NBR | Special designs: FKM, CR, EPDM, KALREZ |
| Mounting type | Male thread | |
| Thread | G 1/4" (standard) | G 1/8", M12 x 1.5, M10 x 1 conical on request |
| Mounting position | Any | |
| Ambient temperature | -25 °C to +85 °C | Higher temperatures on request |
| Media | Air, hydraulic oil, oil emulsions, water | Other media on request |
| Weight [g] | 65 | |
| Mechanical endurance | 10 ⁶ | |
| Material | Galvanised steel | Brass, VA on request |
| Adjustment | Slotted adjusting screw (M8 to DIN 914) | |
| Pneumatic | | |
| Working pressure [bar] | 2 | 10 |
| Overpressure safety [bar] | 10 | 20 |
| Adjustment | Under pressure | |
| Differential reset pressure | 15% to 20% | |
| Electrical | | |
| Switching voltage ~ / = | Max. 42 V | |
| 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. | |
| No. of poles | 3 | |
| Electrical connection | Tab connectors 3 x 6.3 x 0.8 | |
| Degree of protection | IP65, terminals to IP00 (DIN 40050) | |
| Switching capacity (microswitch) | 42 V / 4 A | |

Important

We recommend not using the pressure switch as the sole means of disconnecting a 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.