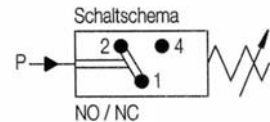


DS 4034 to DS 4035

G 1/4
0.5 to 2.0 bar
1.0 to 10.0 bar
Changeover contact


Characteristics

Order No.	DS 4034	DS 4035
Adjustment range [bar]	0.5 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.