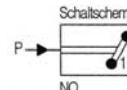
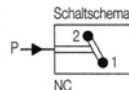


DS 4011, DS 4012 DS 4021, DS 4022 DS 4014, DS 4015 DS 4024, DS 4025
G 1/8 G 1/4
0.5 to 2.0 bar 1.0 to 10.0 bar
Optionally
 
NO NC

Characteristics

Order No.	NO	DS 4011 - 102993	DS 4012 - 102994	DS 4014 - 102996	DS 4015 - 102997
Adjustment range	[bar]	0.5 to 2.0	1.0 to 10.0	0.5 to 2.0	1.0 to 10.0
Thread		G 1/8		G 1/4	
Order No.	NC	DS 4021 - 102999	DS 4022 - 103000	DS 4024 - 103002	DS 4025 - 103003
Adjustment range	[bar]	0.5 to 2.0	1.0 to 10.0	0.5 to 2.0	1.0 to 10.0
Thread		G 1/8		G 1/4	

General

Type of construction	Spring-loaded diaphragm				
Diaphragm	NBR Special designs: FKM, CR, EPDM, KALREZ				
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]	65				
Mechanical endurance	10 ⁶				
Material	Galvanised steel Brass, VA on request				
Adjustment	Adjusting screw (M8 to DIN 914)				

Pneumatic

Working pressure [bar]	2	10	2	10
Burst pressure [bar]	10	20	10	20
Adjustment	Under pressure			
Differential reset pressure	Approx. 15% to 25%			

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.			
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, terminals to IP00 (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.