


DS 4013 DS 4023 DS 4016 DS 4026
G 1/8 G 1/4
10.0 to 70.0 bar
Optionally 
NC NO

Characteristics

Order No.	NO	DS 4013 - 102995	DS 4016 - 102998
Adjustment range	[bar]	10.0 to 70.0	10.0 to 70.0
Thread		G 1/8	G 1/4
Order No.	NC	DS 4023 - 103001	DS 4026 - 103004
Adjustment range	[bar]	10.0 to 70.0	10.0 to 70.0
Thread		G 1/8	G 1/4

General

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 ⁶		
Material	Galvanised steel		Brass, VA on request
Adjustment	Adjusting screw (M8 to DIN 914)		

Pneumatic

Working pressure	[bar]	70	70
Burst pressure	[bar]	120	120
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.