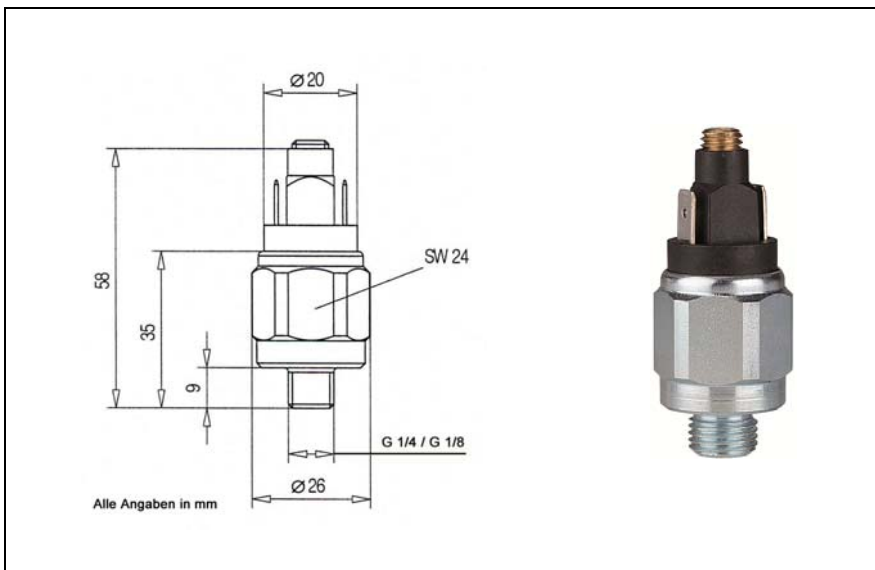


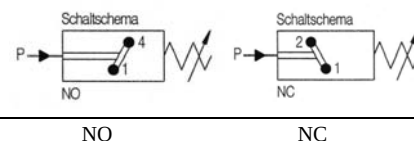


**DS 4011, DS 4012
DS 4021, DS 4022
DS 4014, DS 4015
DS 4024, DS 4025**

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

**0.5 to 2.0 bar
1.0 to 10.0 bar**

Optionally



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.