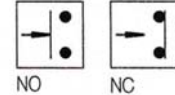


DS 214 / DS 215

NO / NC
G 1/8
1.0 to 10 bar

Schaltschema



Characteristics

Order No.	DS 214	DS 215
Adjustment range [bar]	1.0 to 10.0	0.3 to 2.0 on request
Thread	G 1/8	
General		
Type of construction	Spring-loaded diaphragm	
Diaphragm	NBR	Special designs: FKM, CR, EPDM, KALREZ
Mounting type	Male thread	
Thread	G 1/8" (standard)	Other threads 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]	34	
Mechanical endurance	10 ⁶	
Material	Brass	VA, galvanised steel on request
Adjustment	Adjusting screw with hexagon socket head (M3 to DIN 914)	
Pneumatic		
Working pressure max. [bar]	10	
Burst pressure [bar]	20	
Adjustment	Under pressure	
Differential reset pressure	< 10%	
Electrical		
Switching voltage ~ / =	Max. 42 V	
Switching element	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	2	
Max. load	2 A	
Electrical connection	Tab connectors 2 x 6.3 x 0.8	
Switching capacity	100 VA	
Degree of protection	IP00	

Important

Currents which are too high may damage the contacts. Spark-quenching devices must be provided in inductively loaded DC circuits, e.g. magnets.