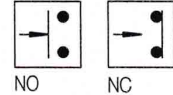


DS 214 / DS 215

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.	10 bar	(2 bar)
Overpressure limit max.(static)	20 bar	
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.