

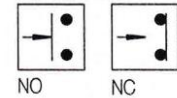
## DS 214 / DS 215

NO / NC

G 1/8

1.0 to 10 bar

Schalterschema



### 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	
<b>General</b>		
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 <sup>6</sup>	
Material	Brass (VA, galvanised steel on request)	
Adjustment	Adjusting screw with hexagon socket head (M3 to DIN 914)	
<b>Pneumatic</b>		
Working pressure max.	10 bar	(2 bar)
Overpressure limit max.(static)	20 bar	
Adjustment	Under pressure	
Differential reset pressure	< 10%	
<b>Electrical</b>		
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.

**Protective cap**

Article No.	Type No.	Description
103010	DS 40	for pressure switch mini type