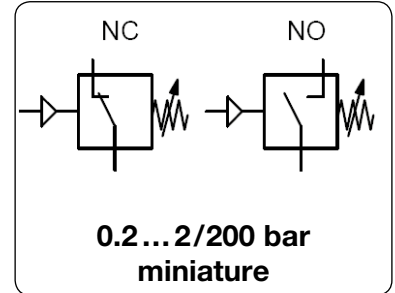


Description	The small-sized pressure switch closes or opens an electrical contact when the desired pressure is reached. If it falls below, the contact will be reset.		
Media	DS10: compressed air	DS13: compressed air and water	All others: compressed air, water hydraulic oil
Burst pressure	min. 20 bar,	DS13: max. 15 bar,	DS40C/D: max. 250 bar
Contact	silver-coated, max. 2A Ohm resistive load, max. 100 VA		
Hysteresis	< 10% FS, DS10 and D40: 10 ... 15% FS		
Mounting position	any		
Life span	10 ⁶ operating cycle for max. 200 switches / min		
Protection class	IP 00, with protective cap IP 65		
Tolerance	± 0.2 bar at 0.2 ... 2 bar,	± 0.5 bar at 1 ... 10 bar	Voltage 42 V
Electrical connection	contact pin 2 x 6.3 x 0.8 except for DS10 and DS40: screwed connection M2		
Temperature range	-25 °C to 85 °C / -13 °F to 185 °F DS13: -20 °C bis 75 °C / -4 °F to 167 °F		
Material	Body:	brass for DS08, DS14, DS46	
		steel for DS25, DS40	
		plastic for DS13	
	Elastomer:	NBR/Buna-N, optionally EPDM, FKM and Kalrez	



Dimensions			Body	Electr. connection	Connection thread	Pressure transmission	Measurement range	Order number	NO contact	NC contact
A/F	B	C	made of		G	by	bar	contact	NO	NC

Mini-Pressure switch, 42 V								NBR/Buna-N		DS	
17	13	22	brass	flat plug	G¼	diaphragm	0.3 ... 1.0	2 ... 10	DS08-21A	DS08-20A	
									DS08-21B	DS08-20B	
19	16	25	brass	screw connection	G½	diaphragm	1.0 ... 10		DS10-11B		
14	23	37	plastic	flat plug	G½	diaphragm	0.2 ... 1.0	2 ... 8	DS13-11A	DS13-10A	
									DS13-11B	DS13-10B	
19	21	34	brass	flat plug	G½	diaphragm	0.3 ... 1.0	2 ... 10	DS14-11A	DS14-10A	
									DS14-11B	DS14-10B	
24	20	34	steel	flat plug	G½	diaphragm	0.2 ... 1.0	2 ... 10	DS25-11A	DS25-10A	
									DS25-11B	DS25-10B	
24	22	31	steel	screw connection	G½	diaphragm	0.3 ... 1.0	2 ... 10	DS40-11A	DS40-10A	
		37				diaphragm	1.0 ... 10		DS40-11B	DS40-10B	
						piston	10 ... 70		DS40-11C	DS40-10C	
						piston	50 ... 200		DS40-11D	DS40-10D	
27	29	35	brass	flat plug	G¼	diaphragm	0.2 ... 0.5	2 ... 10	DS46-21A	DS46-20A	
									DS46-21B	DS46-20B	



Special options, add the appropriate letter				
G¼ male	connection thread	only for	DS10 to DS40	DS...-2..
FKM elastomer	for diaphragm	not for	DS13	DS...-...V
	for piston	only for	DS40 (C/D)	DS...-...V
EPDM elastomer		only for	DS10 and DS40	DS...-...E
Kalrez elastomer		only for	DS10 and DS40	DS...-...K
gold contact		not for	DS08	DS...-...G

Accessories, enclosed			
protection cap	for DS10	K210	for DS08, DS13 and DS14
	for DS25	K250	for DS40 and DS46
			K214
			K400

