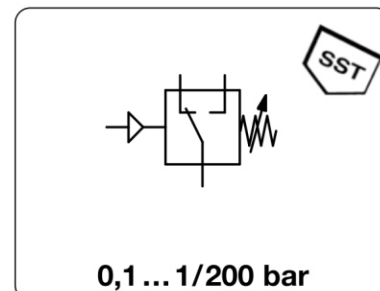


DS16 - DS17- DS18 - Pressostat économique, 0.1 à 200 bar, G1/4" mâle

DS16 - DS17- DS18 - Low cost pressure switch, 0.1 up to 200 bar, G1/4" male

Description	The pressure switch closes or opens an electrical contact when the desired pressure is reached. If it falls below, the contact will be reset.		
Media	compressed air, non-corrosive gases or liquids		
Overpressure	see chart for max. static pressure, dynamic pressures are 50% lower		
Switch contact	DS16: NO contact, optionally NC contact		
Contact load	DS16: 2 A at 42 V DC,	DS17: 4 A at 42 V DC,	DS17/18: SPDT switch
Electrical connector	DS16: screw terminal,	DS17/18: spade terminal 6.3 x 0.8 mm, optionally also for 16	DS18: 4 A at 250 V AC
Hysteresis	DS16: 5...20%,	DS17/18: adjustable to 10...30% by factory	
Life cycle	10 ⁶ switching cycles at < 50 bar		
Vibration resistance	10 g at 5...200 Hz		
Certifications	CSA-certified		
Protection class	IP 00, with coupling socket IP 65		
Temperature range	-30 °C to 100 °C / -22 °F to 212 °F for NBR/Buna-N, -5 °C to 120 °C / 23 °F to 248 °F for FKM		
Material	Body: steel, optionally stainless steel at DS18 Elastomer: NBR/Buna-N, optionally EPDM or FKM		



Pressure transmission by	Overpressure protection < bar	Measuring tolerance ± bar	Measurement range bar	Order number
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Pressure switch G1/4m, NO 42V		steel, NBR/Buna-N, without protective cap		DS16
diaphragm	300	0.2	0.1 ... 1.0	DS16-A
		0.5	1.0 ... 10	DS16-B
		1.0	10 ... 20	DS16-C
		2.0	20 ... 50	DS16-D
piston	600	5.0	50 ... 150	DS16-E

Pressure switch G1/4m, SPDT 42V		steel, NBR/Buna-N, with coupling socket		DS17
diaphragm	100	0.2	0.3 ... 1.5	DS17-A
	100	0.5	1.0 ... 10	DS17-B
	300	1.0	1.0 ... 10	DS17-C
	300	3.0	10 ... 50	DS17-D
	300	5.0	10 ... 100	DS17-E
piston	600	5.0	50 ... 200	DS17-H

Pressure switch G1/4m, SPDT 250V		steel, NBR/Buna-N, with coupling socket		DS18
diaphragm	100	0.2	0.3 ... 1.5	DS18-A
	300	1.0	1.0 ... 10	DS18-C
	300	3.0	10 ... 50	DS18-D
	300	5.0	10 ... 100	DS18-E
piston	600	5.0	50 ... 200	DS18-H



DS16



DS17



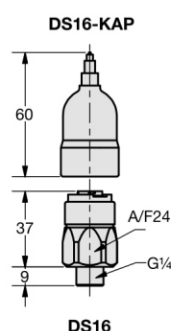
DS18

Special options, add the appropriate letter

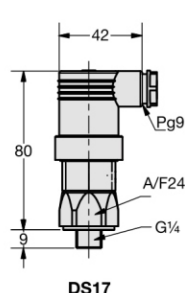
EPDM elastomer			DS1...E
FKM elastomer			DS1...V
free of oil and grease	suitable for oxygen, max. 10 bar		DS1...L
NC contact	instead of normally open contact	for DS16	DS1...1
spade terminal	6.3 x 0.8 mm, galvanised	for DS16	DS1...T
600 bar overpressure	maximum	for DS16	DS16...U
gold contact	max. 24 V AC/DC, 50 mA	for DS17	DS17...G
250 V	max. voltage	for DS17	DS17...W
stainless steel body	0.5...5/200 bar	for DS18	DS18...S
factory-set pressure	pressure indication falling pressure VF .. rising pressure		DS1...VS ..

Accessories, enclosed

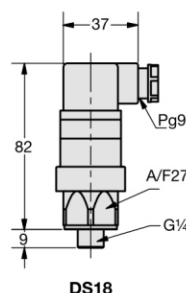
protection cap	straight, IP65	for DS16	DS16-KAP
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DS16



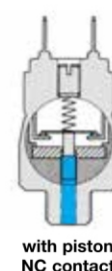
DS17



DS18



with diaphragm
NO contact



with piston
NC contact