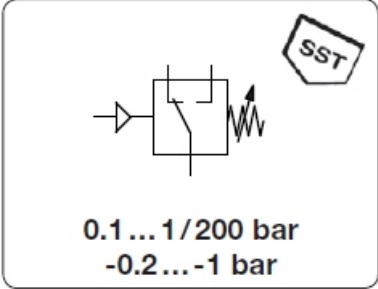


DS16-DS17-DS18 - Pressostat économique - 0,1 à 200 bar - G 1/4 mâle

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 protection	see chart for max. static pressure, dynamic pressures are 50% lower
Switch contact	DS15/16: NO contact, optionally NC contact
Contact load	DS15/16: 2 A at 42 V DC, DS17: 4 A at 42 V DC, DS18: 4 A at 250 V AC
Electrical connector	DS15/16: screw terminal, DS17/18: spade terminal 6.3 x 0.8 mm, optionally also for DS15/16
Hysteresis	DS15/16: 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 and UL-listed
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, -30 °C to 120 °C / -22 °F to 248 °F for EPDM, -5 °C to 120 °C / 23 °F to 248 °F for FKM
Material	Body: steel, brass at DS15, optionally stainless steel at DS18 Elastomer: NBR/Buna-N, optionally EPDM or FKM



Pressure transmission by	Overpressure protection	Measuring tolerance	Measurement range	Order number
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Pressure switch G1/4m, NO 42V		hysteresis 5-20%, 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
piston	600	2.0	20 ... 50	DS16-D
		5.0	50 ... 150	DS16-E



Pressure switch G1/4m, SPDT 42V		hysteresis adjustable, 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		hysteresis adjustable, 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

Vacuum switch G1/8f, NO 42V		hysteresis 5-20%, brass, FKM, without protective cap		DS15
diaphragm	20	0.1	0.2 ... -1	DS15-03



Special options, add the appropriate letter or number

EPDM elastomer	Viton	not for DS15	DS1 .-. E
FKM elastomer	suitable for oxygen, max. 10 bar	not for DS15	DS1 .-. V
free of oil and grease	instead of normally open contact		DS1 .-. L
NC contact	6.3 x 0.8 mm, galvanised	for DS15 and DS16	DS1 .-. 1
spade terminal	maximum	for DS15 and DS16	DS1 .-. T
600 bar overpressure	max. 24 V AC/DC, 50 mA	for DS16	DS16-. U
gold contact	max. voltage	for DS17	DS17-. G
250 V	0.5 ... 5/200 bar	for DS17	DS17-. W
stainless steel body	pressure indication falling pressure VF	for DS18	DS18-. S
factory-set pressure	pressure indication rising pressure	for DS18	DS1 .-. VS ..

Accessories, enclosed

protection cap straight, IP65 for DS15 and DS16 **DS16-KAP**

