

## Stainless steel pressure switches

up to 200 bar

Materials: Body: AISI 303, seal and diaphragms\*\*: FKM

Temperature range: -5°C to max. +120°C

Switchback difference: 10 to 30%

Protection class: IP 65 (clamps IP 00)

Cable connection: Via flat connector 3 x 6.3 x 0.8

Optional: Diaphragms made of EPDM (-30°C to max. +120°C) -EP

Type changer	Settings range	Thread male	Prot. against overpress. to	Switching capacity
DRS 5 ES	0.5 - 5 bar	G 1/4"	300 bar	250 V/4 A*
DRS 10 ES	1 - 10 bar	G 1/4"	300 bar	250 V/4 A*
DRS 50 ES	10 - 50 bar	G 1/4"	300 bar	250 V/4 A*
DRS 100 ES	10 - 100 bar	G 1/4"	300 bar	250 V/4 A*
DRS 200 ES	50 - 200 bar	G 1/4"	600 bar	250 V/4 A*

Connectors for stainless steel pressure switch (please order separately)

DRS STECKDOSE

\* at 30 V DC, \*\* type DRS 200 ES, controller using pistons

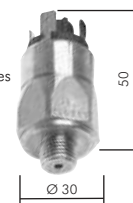
Order example: DRS 5 ES \*\*

Standard type

Designation for the options:

Diaphragms made of EPDM ...-EP

pressure switches



connector



## Pressure switches

up to 400 bar



Materials: Body: Aluminium, diaphragms\*\*: NBR (vacuum switch: ECO)

Temperature range: -20°C to max. +100°C

Switchback difference: 10 to 30%

Protection class: IP 65, type B2: Elbow plug connection DIN 43560/EN 175301-803 (size 3, 4-pin)

Media: Hydraulic oil, machine oil, turpentine, heating oil, air

Type B 1 	Type B 2 		Settings range	Thread female	Prot. against overpressure	Switching capacity
Vacuum switch						
---	VAKUS	for vacuum	-0.95 to -0.1 bar	G 1/8"	20 bar	250 V/3.5 A*
Pressure switches						
DRS 2	---		0.2 - 2 bar	G 1/4"	200 bar	250 V/2 A*
DRS 5	DRSV 5		0.5 - 5 bar	G 1/4"	200 bar	250 V/2 A*
DRS 10	DRSV 10		1 - 10 bar	G 1/4"	200 bar	250 V/2 A*
DRS 20	---		2 - 20 bar	G 1/4"	200 bar	250 V/2 A*
DRS 50	---		5 - 50 bar	G 1/4"	200 bar	250 V/2 A*
DRS 100	---		10 - 100 bar	G 1/4"	200 bar	250 V/2 A*
DRS 250	---		25 - 250 bar	G 1/4"	600 bar	250 V/2 A*
DRS 400	---		40 - 400 bar	G 1/4"	600 bar	250 V/2 A*

\* for 30 V DC, \*\* settings range > 100 bar controller using pistons

B 1 = design type 1: lateral adjustment screw, B 2 = design type 2: the setting can only be completed after removing the safety cap

vacuum switch



Lateral switching point adjustment

type B 1



type B 2



## Pressure switches - with bayonet connections IP 67

up to 200 bar

Materials: Body: Zinc-plated steel, seals/diaphragms: NBR

Temperature range: -25°C to max. +85°C

Switchback difference: 15 to 25%

Protection class: IP 67 (clamps: IP 00)

Cable connection: Via bayonet coupling, DIN 72585 (connector diameter 2.5 mm)

Media: Hydraulic oil, machine oil, heating oil, air, water (only type DRSIP)

Advantages: • Ideal for outdoor use in construction or farm equipment, as a protection class of IP 67 is achieved through the use of bayonet couplings.

Type	Settings range	Thread male	Prot. against overpress. to	Switching capacity
Changer				
DRSIP 2	0.3 - 2 bar	G 1/4"	15 bar	42 V/5 A*
DRSIP 10	1 - 10 bar	G 1/4"	20 bar	42 V/5 A*
DRSIP 70**	10 - 70 bar	G 1/4"	120 bar	42 V/5 A*
DRSIP 200**	50 - 200 bar	G 1/4"	300 bar	42 V/5 A*
NO contact NC contact				
DRSIPS 1	DRSIPO 1	G 1/4"	300 bar	42 V/100 VA
DRSIPS 10	DRSIPO 10	G 1/4"	300 bar	42 V/100 VA
DRSIPS 20	DRSIPO 20	G 1/4"	300 bar	42 V/100 VA
DRSIPS 50	DRSIPO 50	G 1/4"	300 bar	42 V/100 VA
DRSIPS 150**	DRSIPO 150**	G 1/4"	600 bar	42 V/100 VA
Connector, for pressure switch with bayonet connection				
DRSIP STECKDOSE	(straight)			
DRSIP STECKDOSE 90	(angled)			

\* for 30 V DC, \*\* controller using pistons, seal: UR (type DRSIPS 150 and DRSIPO 150: NBR)

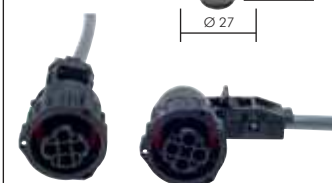
type changer



type NO/NC contact



type DRSIP STECKDOSE



type DRSIP STECKDOSE 90