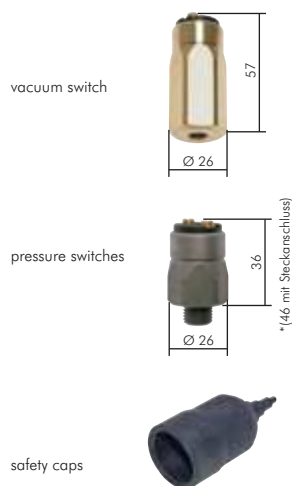


Pressure switches



Pressure switches with screw terminals

up to 150 bar

Materials: Body: Zinc-plated steel (vacuum switch: brass), diaphragm: NBR (vacuum switch: FKM), DRSS/DRSO 150:

piston AISI 303 with NBR seal

Temperature range: -30°C to max. +100°C (vacuum switch -5°C to max. +120°C)

Switchback difference: 5 to 15%

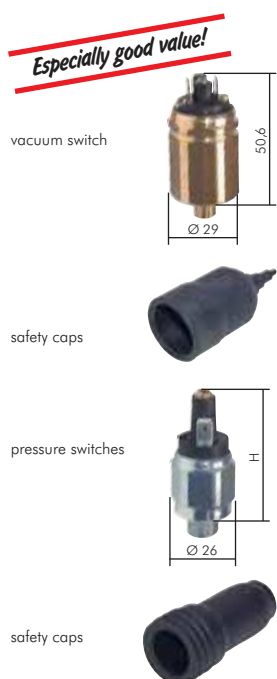
Protection class: IP 65 (clamps IP 00)

Cable connection: Using M 3 screw terminals

Media: Hydraulic oil, machine oil, turpentine, heating oil, air (also partially suitable for water)

Type NO contact	Type NC contact		Settings range	Thread	Protected against overpressure to	Switching capacity
Vacuum switch						
DRSS -1	DRSO -1	for vacuum	-0.95 to -0.2 bar	G 1/8" (FT)	20 bar	42 V/100 VA
Pressure switches						
DRSS 1*	DRSO 1*		0.1 - 1 bar	G 1/4" (MT)	300 bar	42 V/100 VA
DRSS 10*	DRSO 10		1 - 10 bar	G 1/4" (MT)	300 bar	42 V/100 VA
DRSS 20	DRSO 20		10 - 20 bar	G 1/4" (MT)	300 bar	42 V/100 VA
DRSS 50	DRSO 50		20 - 50 bar	G 1/4" (MT)	300 bar	42 V/100 VA
DRSS 150	DRSO 150		50 - 150 bar	G 1/4" (MT)	600 bar	42 V/100 VA
Safety caps for vacuum and pressure switches (please order separately)						
DRSS SCHUTZKAPPE						

* with AMP 6.3 x 0.8 push-in fitting



Pressure switches with flat connectors

up to 350 bar

Materials: Body: Zinc-plated steel or stainless steel AISI 303 (vacuum switch: brass), diaphragms**: NBR

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

Switchback difference: 15 to 20% (vacuum switch 15 to 25%)

Protection class: IP 65 (clamps IP 00)

Cable connection: Via flat connector (NC contact/NO contact: 2 x 6.3 x 0.8, changer: 3 x 6.3 x 0.8)

Media: Hydraulic oil, oil emulsion, air, (also partially suitable for water)

Type NO contact	Type NC contact	Type changer	Settings range	Thread male	Prot. against overpres. to	Switching capacity	H
Vacuum switch, brass							
---	---	VAKUSW 18 B	for vacuum	-0.98 to -0.2 bar	G 1/8"	2 bar	42 V/5 A* 51
Pressure switch, zinc-plated steel							
DRSS 2 B	DRSO 2 B	DRSW 2 B	0.5 - 2 bar	G 1/4"	10 bar	42 V/5 A*	49
DRSS 10 B	DRSO 10 B	DRSW 10 B	1 - 10 bar	G 1/4"	20 bar	42 V/5 A*	49
DRSS 70 B	DRSO 70 B	DRSW 70 B	10 - 70 bar	G 1/4"	120 bar	42 V/5 A*	56
DRSS 200 B	DRSO 200 B	DRSW 200 B	50 - 200 bar	G 1/4"	300 bar	42 V/5 A*	56
DRSS 350 B ¹⁾	DRSO 350 B ¹⁾	---	100 - 350 bar	G 1/4"	500 bar	42 V/5 A*	48
Pressure switch, stainless steel AISI 303 ^(max)							
DRSS 2 B ES	DRSO 2 B ES	DRSW 2 B ES	0.5 - 2 bar	G 1/4"	10 bar	42 V/5 A*	49
DRSS 10 B ES	DRSO 10 B ES	DRSW 10 B ES	1 - 10 bar	G 1/4"	20 bar	42 V/5 A*	49
DRSS 70 B ES	DRSO 70 B ES	DRSW 70 B ES	10 - 70 bar	G 1/4"	120 bar	42 V/5 A*	56

Safety caps for vacuum and pressure switches (please order separately)

DRSS SCHUTZKAPPE Used for vacuum switch

DRSB SCHUTZKAPPE Used for pressure switch

* at 30 V DC, ** settings range > 10 bar controller using stainless steel pistons, seal: UR

¹⁾ Ø 28, switchback difference: 10 to 15%

Pressure switches - small shape

up to 10 bar

Materials: Body: Brass, diaphragms: NBR

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

Switchback difference: <10%

Protection class: IP 65 (clamps IP 00)

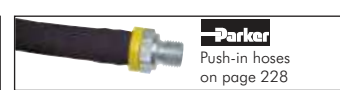
Cable connection: Via flat connector 2 x 6.3 x 0.8

Media: Hydraulic oil, oil emulsion, water, air



TIP For assembly in restricted conditions

Type NO contact	Type NC contact	Settings range	Thread male	Prot. against overpres. to	Switching capacity
DRSS 2 MINI	DRSO 2 MINI	0.3 - 2 bar	G 1/8"	5 bar	42 V/100 VA
DRSS 10 MINI	DRSO 10 MINI	1 - 10 bar	G 1/8"	20 bar	42 V/100 VA
Safety caps for pressure switches (please order separately)					
DRSM2 SCHUTZKAPPE					



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.