

## TYPE 701

### Vacuum switch with changeover switch

Width across flats 19  
Height 90mm  
Thread length 9mm  
Diameter 45



	ADJUSTMENT RANGE [bar]	OVERPRESSURE SAFETY	ORDER NUMBER
<b>DIAPHRAGM</b>	0,05 – 1	10 bar	701-1-ABC

REPRODUCIBILITY	~ 5%	TYPE OF PROTECTION	IP 55
HYSTERESIS	~ 0,02 – 0,05 bar	PERMISSIBLE TEMP.	-20° to +100° C
SWITCHING FREQUENCY	200/min	WEIGHT	0,29 kg
SWITCHING ELEMENT	Changeover contact	MEDIA RESISTANCE	Air, Oil, Gas
VOLTAGE	250 Volt	MATERIAL	Body: Al ; Connection: CuZn
ELECTRICITY MAX.	5 Amp.		

#### A Thread

	A
<b>G 1/4</b>	2

#### B Sealing element

	B	APPLICATION
<b>NBR</b>	1	Hydraulic oil, Machine oil, Heating oil, Nitrogen, sea water

#### C Body material

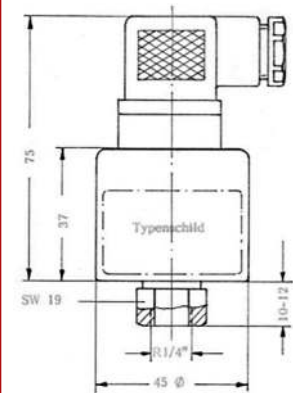
	C
<b>ALU</b>	5

#### D Customized version

	D
<b>MICROSWITCH WITH GOLD PLATED CONTACTS</b>	5
<b>WATERPROOF MICROSWITCH WITH GOLD PLATED CONTACTS</b>	6

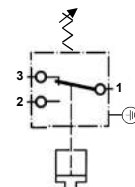
The Open, Close or Change function refers to increasing negative pressure.

A Kant vacuum switch Type 701 has an integrated electric change over switch. When a specific negative pressure is applied, a diaphragm is deformed. The deformation depends on an adjustable spring preload. When the switching point is reached, the diaphragm has undergone a defined movement which actuates the switch and opens or closes the electrical circuit. Specific pressure values can be monitored via the switching signal.



Device connector PG9 DIN 43650

#### CONNECTION:



➔ Order Number Example:

ABCD  
 701-XX-2155  
 — Customized version  
 — Material  
 — Sealing element  
 — Thread  
 — Setting range  
 — Type