

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
DIAPHRAGM	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
G 1/4	2

B Sealing element

	B	APPLICATION
NBR	1	Hydraulic oil, Machine oil, Heating oil, Nitrogen, sea water

C Body material

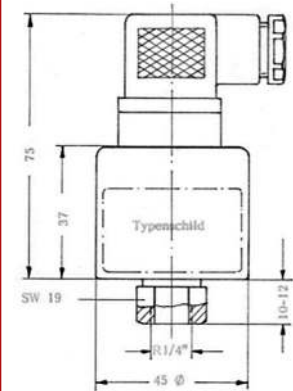
	C
ALU	5

D Customized version

	D
MICROSWITCH WITH GOLD PLATED CONTACTS	5
WATERPROOF MICROSWITCH WITH GOLD PLATED CONTACTS	6

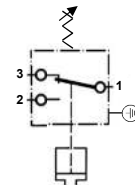
The Open, Close or Change function refers to increasing negative pressure.

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