

TYPE 603

Pressure switch with changeover switch
Flush diaphragm for highly viscous media

Width across flats 27
Height 64mm
Thread length 9mm



A Kant pressure switch Type 603 has an integrated electric change over switch. When pressure is applied, a diaphragm is deformed or a piston is displaced via a lifting movement. The deformation or movement depends on an adjustable spring preload. When the switching point is reached, the diaphragm or piston 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.

	ADJUSTMENT RANGE [bar]	OVERPRESSURE SAFETY	ORDER NUMBER
DIAPHRAGM	1 – 10	100 bar	603-10-022
	2 – 20		603-20-022
	5 – 50	300 bar	603-50-022
	10 – 100		603-100-022

REPRODUCIBILITY	~ 2-5%	ELECTRICITY MAX.	6 Amp.
HYSTERESIS	~ 20% ; smaller upon request	TYPE OF PROTECTION	IP 65
SWITCHING ELEMENT	Change over contact	PERMISSIBLE TEMP.	-20° to +80° C
SWITCHING FREQUENCY	200/min	WEIGHT	0,12 kg
VOLTAGE	250 Volt		

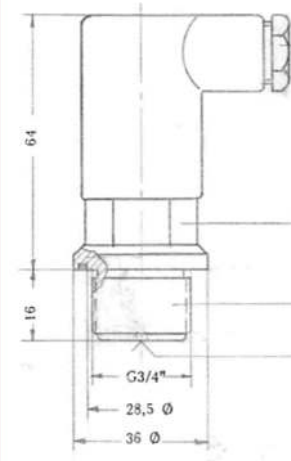
A Thread

	A	B Sealing element	B	APPLICATION
G 3/4	0	FKM (VITON)	2	Hydraulic fluids, Petrol, Alcohol, Salt and Sulphuric acid

C Body material

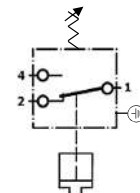
	C
VA 1.4305	2

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



Optionally with device connector 600
PG9 with strain relief
Plug connection 6x60° pivotable

CONNECTION:



→ Order Number Example:

ABCD
603-XX-022

- Material
- Sealing element
- Thread
- Setting range
- Type