

TYPE 605

Pressure switch with changeover switch
 With bayonet catch

Width across flats 27
 Height 68mm
 Thread length 9mm



A Kant pressure switch Type 605 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	0,2 – 2	100 bar	605-2-ABC
	1 – 10		605-10-ABC
	2 – 20		605-20-ABC
	5 – 50	300 bar	605-50-ABC
	10 – 100		605-100-ABC
PISTON	10 – 100	600 bar	605-100-ABC
	20 – 200		605-200-ABC

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	0,15 kg
VOLTAGE	250 Volt		

A Thread

	A
G 1/8	1
G 1/4	2
M 10X1 CYLINDRICAL	3
NPT 1/8	4
R 1/8 TAPERED	5
M 10X1 TAPERED	6
M 12	7
M 12X1,5	8
NPT 1/4	9

B Sealing element

	B	APPLICATION
DIAPHRAGM	NBR	1 Hydraulic oil, Machine oil, Heating oil, Nitrogen, sea water
	FKM (VITON)	2 Hydraulic fluids, Petrol, Alcohol, Salt and Sulphuric acid
	EPDM (APTK)	3 Hydrogen, Brake fluid, Acetylene, etc.
	SILICONE	4 Food, Water etc.
PISTON	PISTON SEALING	8 Oil
	PISTON SEALING	9 Hot water

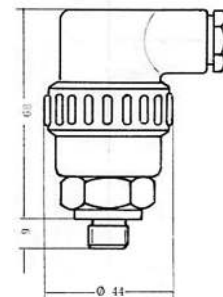
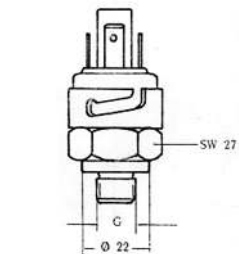
C Body material

	C
STAHL GAL ZN 5	1
VA 1.4305	2
BRASS 60	3
VA 1.4571	8
STEEL NICKEL PLATED	9

D Customized version

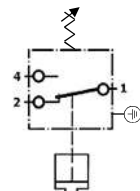
	D
MICROSWITCH WITH GOLD PLATED CONTACTS	5
WATERPROOF MICROSWITCH WITH GOLD PLATED CONTACTS	6

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



Device connector with bayonet catch
 PG with strain relief

CONNECTION:



➔ Order number example:

ABCD
 605-XX-1260

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