

TYPE 803 and 804

Pressure switch
Normally closed contact (Type 803)
Normally open contact (Type 804)

Flat connector 6,3
Width across flats 24
Height 43mm
Thread length 9mm



Without device connector

With device connector 800 or 800-IP65

	ADJUSTMENT RANGE [mbar]	OVERPRESSURE SAFETY	ORDER NUMBER	
			NC CONTACT	NO CONTACT
DIAPHRAGM	0,2 – 1	300 bar	803-1-ABC	804-1-ABC
	1 – 10		803-10-ABC	804-10-ABC
	2 – 20		803-20-ABC	804-20-ABC
	10 – 100	600 bar	803-100-ABC	804-100-ABC
	20 – 200		803-200-ABC	804-200-ABC
PISTON	10 – 100	600 bar	803-100-ABC	804-100-ABC
	20 – 200		803-200-ABC	804-200-ABC

REPRODUCIBILITY	~5%	ELECTRICITY MAX.	2 Amp.
HYSTERESIS	5-10%	TYPE OF PROTECTION	IP 55
SWITCHING ELEMENT	NC contact 803 NO contact 804	PERMISSIBLE TEMP.	-20° to +100° C
SWITCHING FREQUENCY	200/min	WEIGHT	0,09 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

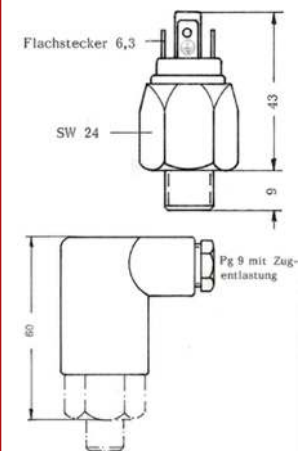
C Body material

	C
STEEL GAL ZN 5	1
VA 1.4305	2
BRASS 60	3
VA 1.4571	8

D Customized version

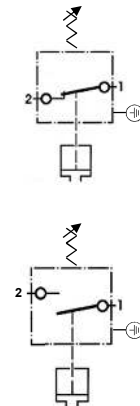
	D
MICROSWITCH WITH GOLD PLATED CONTACTS	5

A Kant pressure switch Type 803 and 804 has an integrated N.C. / N.O. contact. 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.

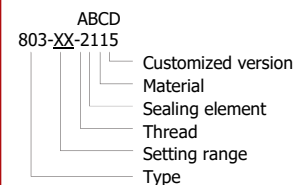


Optionally with:
Device connector 800
Device connector 800-IP65

CONNECTION 803:



➔ Order Number Example:



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