

LEVEL SWITCHES

N 30 NIVOTROL SERIES

Thanks to their wide range of options NOVITROL level switches, N30 Series, cover a large number of applications in all types of industries. Their rugged construction enables them to withstand severe service conditions like those in petrochemical plants and in other industrial processes in general.

As in previous models, the following tables are useful in determining the device which best fits your needs. If your application conditions do not appear in these tables, let us know your requirements: pressure, temperature, density, viscosity, type of liquid, and a brief description of your system. Our technical staff can always find a solution to meet your specific needs.

- STANDARD APPLICATION
- STANDARD OPTION
- SPECIAL APPLICATION

TYPE N3 SPECIFICATIONS

SAMPLE DEFINITION: N 30 A 1 A 1 A

HORIZONTAL OR VERTICAL ASSEMBLY

ASSEMBLY		BOTTLE MATERIAL		HEAD		CONTACTS		OPTIONS		PROCESSING FLANGE	
0	Horizontal	A	Without bottle	1	EEX dIIB+H2T6 Antideflagarant	A	1 Micro change-over switc (SPDT) 6A, 250 VCA, 4A 24 V CC.	1	None	A	PN 16-DN80 S.S. AISI-316
1	Vertical	B	Carbon steel	2	IP 667 Seal	B	2 Simultaneous Change over micro switches (SPDT) 6A 250 VCA, 4A 24 VCC	2	Special floater	B	Aluminum Flange PN16-DN80
2	Horizontal with elbow pipe	C	Stainless steel			C	1 High temperature change over contact breaker (SPDT) 5A 115 VCA	3	Others to be defined	C	4"150# AISI-316 Flange
3	Horizontal with 1" NPT Bottle	X	Other materials			H	1 Air tight change over microswitch (SPDT) 1A 110 VCA- 65° C + 260° C			D	1"150# Flange (Fig.4B&5B) (2)
4	Horizontal with 1"NPT S.W. Bottle					X	Other to be defined			E	1"300# Flange (Fig.4B&5B) (2)
5	Horizontal with 1"NPT Bottle (flanged)									F	PN25DN25 Flange (Fig.4B&5B)
6	Horizontal with 1"NPT S.W. Bottle (flanged)									G	PN40DN25 Flange (Fig.4B&5B)
9	Other types of bottles to be defined									X	Other types of materials

SANOR

GENERAL TECHNICAL SPECIFICATIONS

SERVICE CONDITIONS

	STANDARD	SPECIAL
Max. Density	0,8 Kg/dm ³	0,5 Kg/dm ³
Max. Pressure (1)	16 Bar	60 Bar

(1) Maximum pressure aluminum flange = 16 Bar

HEAD

Material = Aluminum Alloy
Electric connection = 1/2" NPT

ELECTRIC CONTACTS

STANDARD	SPECIAL
Type A.B. Micro contact	Micro Type C
Max. + 150	Max. -55° + 220°C

OBSERVATIONS

All parts in contact with liquid are stainless steel.