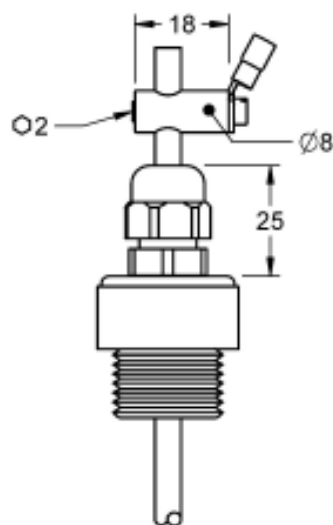



NTM

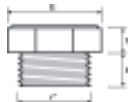
CONDUCTIVES ELECTRODES



Application field	Measuring of the level of conductive liquids, where the detection point must be adjusted. For tanks. Height fast adjustment.
Body material	PVC, PTFE or PVDF.
Electrode	SS AISI316 (1.4401), Ø5 mm.
Electrode length	1000 mm. To level detection set, cut the electrode to the desired height. If you use multiple sensors to a single NTM operation level control, remember that the common or reference electrode must be of equal or greater length than any of the rest.
Process connection	By top screw (See table).
Electrical connection	By terminal. Use the fast-on connector provided to guaranteed a correct electrical contact.
Operating temperature	+60 °C (PVC) +100 °C (PTFE and PVDF)
Pressure	Atmospheric
Used with the relays	Level relays for conductive liquids: families of relays PN, DN and SN (see next page).
 Warning	DISIBEINT ELECTRONIC SL is not responsible of the electric behavior of these electrodes when using control relays belonging another manufacturers.
Form of adjustment	Unlock the head of the cable gland (1). Move the electrode up to the required height (2) and lock the head of the cable gland firmly (3). Unlock the Allen screw (Hex 2) placed in the element for the electrical connection and move this part until be in touch with the head of the cable gland. Lock the Allen screw to fix the position (4).

Process connection

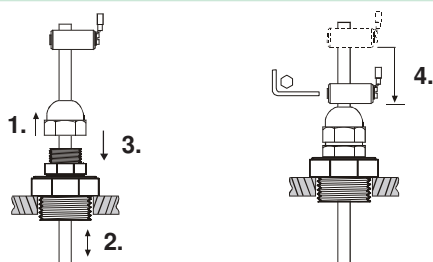
Thread Gas	1/2"	3/4"	1"
E (mm)	27	32	36
H (mm)	14	16	19
h (mm)	14	14	15



Reference composition	NTM	PVC PTFE PVDF	1/2" 3/4" 1"
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To compose the reference, select one option of each column.
Example: **NTM PVC 1 1/2"**

Form of adjustment



Accessories

PS-3





























Overvoltage protector for the probes line
PS3 - Noryl (housing box) - Light grey

Rev. 03/00 - 24/04/12 - DISIBEINT reserves the right to modify the specifications stated in this document without previous notice.

LEVEL RELAY FOR CONDUCTIVE LIQUIDS

- Electrode holder compact and exclusive use electrodes in conductive liquids.
- Used level control points independent or combined among themselves in low-lying deposits.
- They need to connect to a level relay for conductive liquids
- The number of electrodes is determined by the chosen relay function

				
	PNSA	DNSA	SNSA	
	<ul style="list-style-type: none"> • Control of level maximum and/or minimum • General application • Sensitivity: 10..100Kohms • Voltage/Current (probes): 24 VAC/4 mA 			
	PNFA	DNFA		
	<ul style="list-style-type: none"> • Combined control of phase failure and maximum and/or minimum level • Sensitivity: 10..100Kohms • Voltage/Current (probes): 24 VAC/4 mA 			
	PNCA	DNCA		
	PNCB	DNCB		
	<ul style="list-style-type: none"> • Supply voltage DC or AC • Doble contact of relay • Control of maximum and/or minimum level • Sensitivity: 8..45 Kohms • Voltage/Current (probes): 6,2 VAC/3,2 mA 			
	PNEA	DNEA		
	<ul style="list-style-type: none"> • For high resistivity liquids: distilled water, demineralized... • Maximum and/or minimum level • Two ranges of sensitivity: 10..100 Kohms / 200 Kohms..4,7 Mohms • Voltage/Current (probes): 24VAC/4mA 			
	PNDA	DNDA		
	<ul style="list-style-type: none"> • Automatic control of well and tank • Sensitivity: 10..100 Kohms • Voltage/Current (probes): 24 VAC/4mA 			
	PNGA	DNGA		
	<ul style="list-style-type: none"> • Double level control • Two controls of independents levels • Contacts NO • Maximum and/or minimum level • Sensitivity: 10..100 Kohms • Voltage/Current (probes): 24 VAC/4 mA 			
	PNHA	DNHA		
	<ul style="list-style-type: none"> • Double level control • Two controls of independents levels • Contacts NC • Maximum and/or minimum level • Sensitivity: 10..100 Kohms • Voltage/Current (probes): 24 VAC/4 mA 			
			SNDA	
	<ul style="list-style-type: none"> • Two independent level controls • Contacts NO/NC • Maximum and/or minimum level • Sensitivity: 10..100 Kohms • Voltage/Current (probes): 24 VAC/4 mA 			
			SNZA	
	<ul style="list-style-type: none"> • Control of 3 independent levels, from the same tank or not • Many application possibilities • Independent settings for each relay • Max-Min function or by level point • Timing to detection level: 0..10s • Sensitivity: 1..100Kohms • Voltage/Current (probes): 5 VAC/4 mA 			
			MNZA	
	<ul style="list-style-type: none"> • Three independent level controls • Contacts NO/NC • Maximum and/or minimum level • Without box. For direct mounting on rail DIN • Sensitivity: 10..100 Kohms • Voltage/Current (probes): 24 VAC/4 mA 			