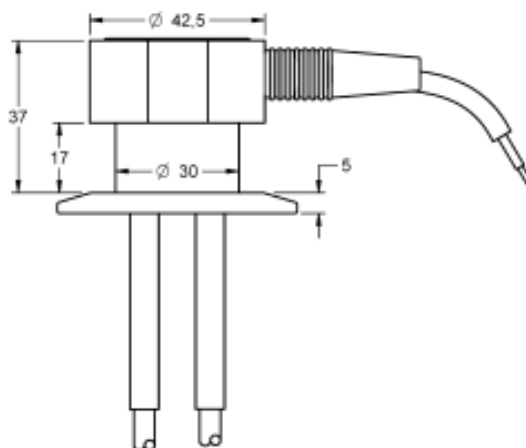



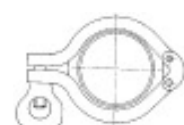


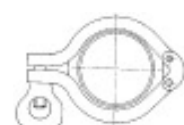


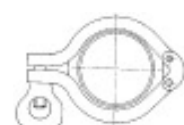


## NCI

### CONDUCTIVE ELECTRODES





































Description	Set of electrodes for the control of the level in conductive liquids. Usable in all kind of tanks with Clamp connection. Alimentary or pharmatic applications.													
Body material	SS AISI316 (1.4401)													
Electrode	SS AISI316 (1.4401). Ø5 mm. The number of electrodes depends on the function of the required level control. Consult the specific characteristics of each level relay.													
Electrode length	Standard, 1000 mm. All the electrodes are delivered at the same length. For setting the level detection points, cut each electrode to the required height. Keep in mind that the common electrode must have a length equal or longer than whichever other one.													
Process connection	Clamp flange 1" G. SS AISI316 (1.4401)													
Electrical connection	Silicone cable (1 m)													
Maximum temperature	+100 °C													
Pressure	1 Kg/cm²													
Electrodes insulation	Optionally, the electrodes can be protected with PTFE insulation to guarentee the set detection points.													
Protection	IP66													
Usable with	Level relays for conductive liquids: relays families 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.													
Reference composition	<table><tr><th colspan="3">Nr Electrodes</th></tr><tr><td>NCI (insulated)</td><td>1"</td><td>1E 2E</td></tr></table> <p>To compose the reference, select one option of each column. Example: <b>NCI 1" 2E</b></p>			Nr Electrodes			NCI (insulated)	1"	1E 2E					
Nr Electrodes														
NCI (insulated)	1"	1E 2E												
Accessories	<table><tr><th>SEPARATOR</th><th>PS-3</th><th>Clamp fitting</th></tr><tr><td></td><td></td><td></td></tr><tr><td>Electrodes separator</td><td>Overvoltage protector for the probes line</td><td rowspan="2">(not supplied)</td></tr><tr><td>Reference - Material - Colour</td><td>NR.SEP/P - PVC - Red</td></tr></table>			SEPARATOR	PS-3	Clamp fitting				Electrodes separator	Overvoltage protector for the probes line	(not supplied)	Reference - Material - Colour	NR.SEP/P - PVC - Red
SEPARATOR	PS-3	Clamp fitting												
														
Electrodes separator	Overvoltage protector for the probes line	(not supplied)												
Reference - Material - Colour	NR.SEP/P - PVC - Red													
	PS3 - Noryl (housingbox) - Light grey													

Rev. 02/00- 26/04/12 · 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

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