

# MICROPROCESSOR CONTROL PANELS TYPE “Intellilevel SLC1” FOR THE CONTROL OF LIQUID LEVEL IN SURFACE OR SUBMERGED HORIZONTAL TANKS

The control panels of type “Intellilevel SLC1” are those that allow us to control the level of the liquid in the tank at any time. The level transducer that comes with this type of control panel is designed to be submerged in liquid therefore it is suitable to be fixed on a submerged tank. The same system can be used on surface or mobile tanks.

## THE SYSTEM INCLUDES

- ✓ Level transducer type TDL1: included in the price of the control panel, cable length max 2mt.
- ✓ Control panel

## THE CONTROL PANEL INCLUDES

- ✓ Liquid crystal display showing the data and alarms
- ✓ Buttons for setting the data
- ✓ Micro controlled electric card to process the data
- ✓ Visualisation of the height of the liquid in cm with decimal point
- ✓ Visualisation when in reserve
- ✓ Visualisation when empty
- ✓ Possibility to modify the height of the minimum level from 0 to 200 cm, 0 to 350 cm or 0 to 750cm
- ✓ Possibility to regulate the reserve level from 0 to 200cm
- ✓ Led alarms

## OPTIONAL

- ✓ The possibility of using the alarms from a distance

## ALARMS

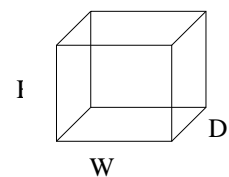
- ✓ Tank in reserve
- ✓ Tank empty

## TECHNICAL INFORMATION

- ✓ Tension feed: 230/400V 50/60Hz  $\pm 10\%$
- ✓ Maximum height of the liquid: 2mt, 3, 5mt, 7,5mt depending on the type of transducer used
- ✓ Level indicator in cm with decimal point
- ✓ Length of the transducer cable: 1.8m with the possibility to request a different length up to a maximum of 50 mt
- ✓ Free potential contact 250V/5A to show at a distance the alarm sounded
- ✓ Precision:  $\pm 1\%$  F.S.
- ✓ Possibility to set the density of the liquid between  $0 \div 2\gamma$
- ✓ Linearity: 0.2% in the intermediate values
- ✓ Level of protection: IP55
- ✓ Working temperature:  $-25^{\circ}\text{C}/+ 50^{\circ}\text{C}$
- ✓ Humidity 50% at a temperature of  $50^{\circ}\text{C}$

## VISUALISATIONS

- ✓ Level of the liquid
- ✓ Reserve
- ✓ Empty
- ✓ Volume in litres



H=120mm W=160mm D=75mm  
DIME OF IMPLANTATION H= 72mm W= 112mm

**TECHNICAL DATA OF THE CONTROL PANELS TYPES Intellilevel SLC/M, SLC/T, SLC/C/M, SLC/C/T SLC1 AND SLC1/C**

- ✓ Tension feed 230/400V. 50/60Hz.  $\pm 10\%$
- ✓ Maximum height of the liquid depends on the type of level transducer used; 2mt., 3,5mt, 7,5mt
- ✓ Indication of liquid level in cm with decimal point
- ✓ Free contact potential 250V/5A to see from a distance the cumulative alarms (optional)
- ✓ Level of protection IP55
- ✓ Working temperature  $-25^{\circ}\text{C} / 50^{\circ}\text{C}$
- ✓ Relative humidity 50% at a temperature of  $50^{\circ}\text{C}$
- ✓ Maximum length of the cable from the transducer to the control panel 50mt

CONTROL PANEL TYPE	MAX. POWER TO V.230 MONOPHASE		MAX. POWER TO V.230 TRIPHASE		MAX. POWER TO V.400 TRIPHASE		MAX. CURRENT ADJUSTABLE A	DIMENSIONS IN mm		
	KW	HP	KW	HP	KW	HP		H	W	D
CDL1	1,1	1,5	2,2	3	4	5,5	25A	240	180	115
CDL2	5A							110	150	75
SLC/M	1,1	1,5					25A	240	180	115
SLC/T			2,2	3	4	5,5	25A	240	180	115
SLC/C/M	1,1	1,5					25A	240	180	115
SLC/C/T			2,2	3			25A	240	180	115
SLC1	5A							110	150	75
SLC1/C	5A							110	150	75