

MICROPROCESSOR CONTROL PANELS TYPE “IntelliLevel SLC/C”, FOR THE CONTROL OF LIQUID IN VERTICAL SURFACE TANKS

Microprocessor control panels type “IntelliLevel” SLC/C allow us to check the level of liquid in the tank at any time. The level transducer that comes with this type of control panel is designed to be immersed in water therefore it is suitable for fixing on a vertical tank either on the inside or the outside. The control panels type SLC are designed to control the gas supply pump in mobile distributors. This type of pump has a precision of $\pm 1\%$ and also gives the possibility to set the density of the liquid as required between $0 \div 2y$.

THE SYSTEM INCLUDES

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

THE CONTROL PANEL INCLUDE

- ✓ Liquid crystal display showing data and alarms
- ✓ Main switch with door lock
- ✓ Plastic box
- ✓ Mother card with electronic parts
- ✓ Maximum power of the motor 1.1KW single phase, 4 KW three-phase
- ✓ Buttons used for the data setting, gear operating and stopping of the pump
- ✓ Electric card with micro controller for data processing
- ✓ Visualisation of the height of the liquid in cm with decimal point
- ✓ Visualisation of the electrical input
- ✓ Visualisation of the sequence or missing phases (only three-phase)
- ✓ Visualisation of reserve
- ✓ Visualisation of empty (pump stops)
- ✓ Possibility to modify the height of the minimum level from $0 \div 200\text{cm}$, $0 \div 350\text{cm}$ or $0 \div 750\text{ cm}$
- ✓ Possibility to regulate the level of RESERVE and EMPTY from $0 \div 200\text{cm}$
- ✓ Possibility to regulate the input absorbed from the motor from $0 \div 10\text{A}$ ($0 \div 25\text{A}$)
- ✓ Led line, led alarms, led gear pump.

Code 705020 or 705025

OPTIONAL

- ✓ Possibility to use alarms from a distance

ALARMS

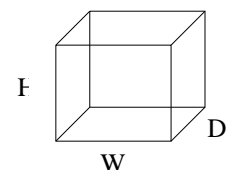
- ✓ Maximum current in the motor
- ✓ Sequence or missing phase (only three-phase)
- ✓ Tank in reserve
- ✓ Tank empty

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: 1.8mt with the possibility to request a different length up to a maximum of 50 mt
- ✓ Potential free contact 250V/5A to show at a distance the alarm sounded
- ✓ Precision: $\pm 1\%$ F.S.
- ✓ 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°C

VISUALIZZAZIONI

- ✓ Level of the liquid
- ✓ Electrical input from the motor
- ✓ Reserve
- ✓ Empty
- ✓ Empty
- ✓ Display of the sequence or missing phases (only three-phase)



H=250mm W=185mm D=115mm
DIME OF IMPLANTATION H= 142,5mm W= 97,5mm

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°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