

CLEAR NODE CHARACTERISTICS 2 1.2F

NSA 10 Model

This node is predisposed for measuring levels with discrete sensors (4 levels).

The level is viewed on the control unit (LCD model) in the section regarding the clear water tank under the item "Clear 2" as shown in Figure 1

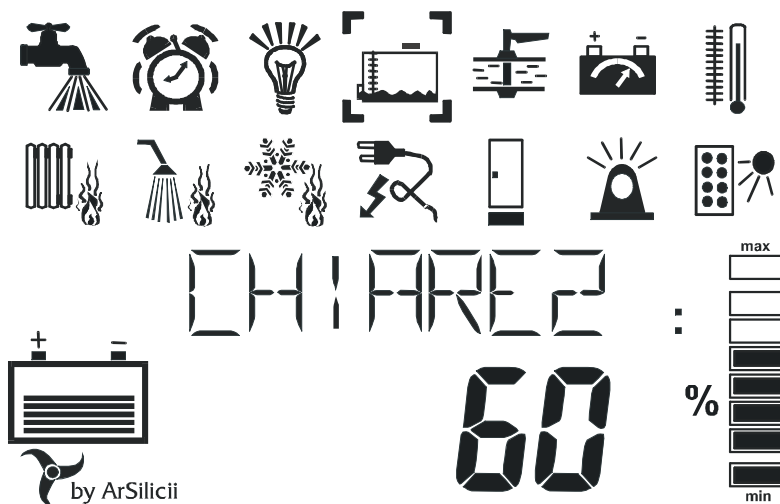


Figure 1 "Viewing status of second tank"

Inputs

The device, as shown in Figure 2, is essentially made up of two types of connectors. Connector J1, the device input; connector J2 with six poles (blue) used to detect the levels of a tank by means of a discrete sensor with four levels.

Outputs

None

Electrical characteristics

The electrical characteristics of the device are:

- Power supply voltage 12 V
- J1 input connector with 6¹ poles (Power Supply and Signal), capacity 5 A
- J2 connector for the level sensor system.

Connectors

There are three types of connectors used on the device:

- J1 Molex "mini-fit Jr" number **MLX5569-04** with contacts arranged as follows:
 - 1 - Bus B
 - 2 - Earth
 - 3 - Bus A
 - 4 - Positive +12
- J2 **Berg 3x2** with contacts arranged as follows:
 - 1 - Brown (Long Rod A)

¹ Only four poles are used

- 2 – Green (Medium Rod)
- 3 – NC
- 4 – NC
- 5 – Yellow (Short Rod)
- 6 – White (Long Rod B)

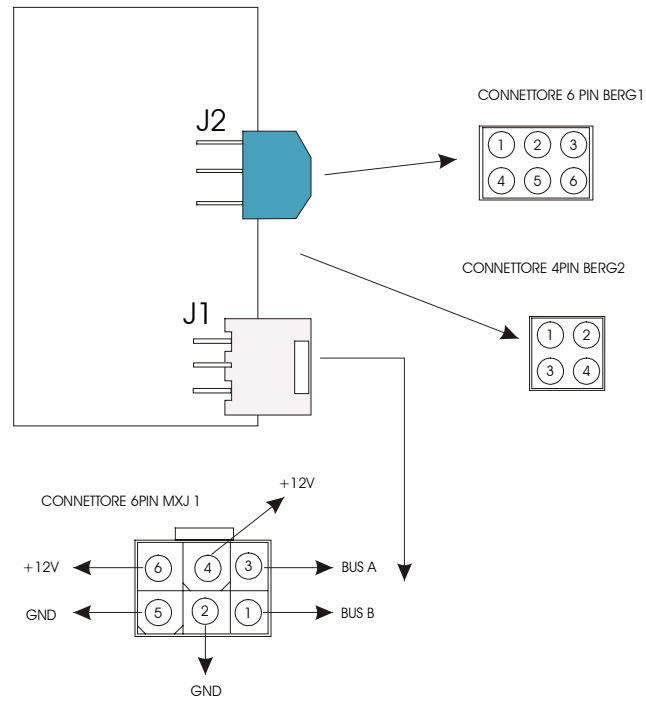


Figure 2 “Node Connector Arrangements”

Example of connection

Figure 3 presents one of the possible ways for connecting the sensor node of levels no. 2 in the system.

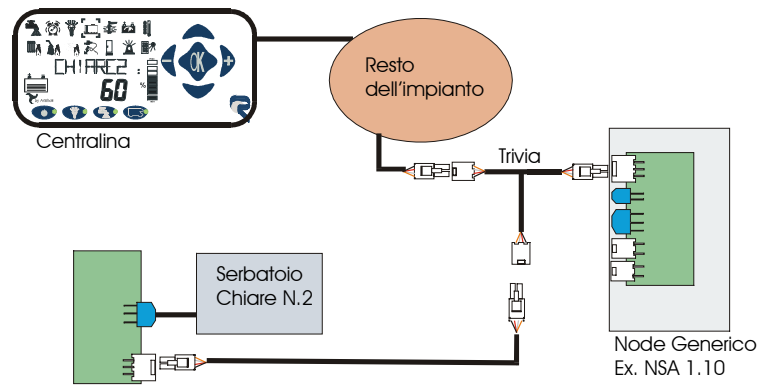


Figure 3"Example of Clear no. 2 node connection"