



Connect your pool to KNX home automation

Why is this solution unique?

Pool'nX is the first gateway that links the Klereo system to a KNX installation. It facilitates the integration of the equipment of a connected pool with the home automation.

The Pool'nX gateway with Klereo allows you to manage and supervise the water quality of your pool from any home automation touch screen. This gateway can also be interfaced with the technical management of any type of building.

ADVANTAGES of Pool'nX

- ◆ KNX IP router to connect the pool room to the rest of the house
- ◆ Supervision of your pool from the application or touch screen of your home automation system via the KNX protocol. (Brand compatible with KNX: Control4, Crestron, Domov ea, Gira, Homelynk, Jung, Lifedomus, Savant, Thinknx, Zennio ...)
- ◆ Proposal of advanced and customised functions according to the needs of the client and the people involved in the pool
- ◆ Supervision of the swimming pool from the BMS of a hotel or wellness area

ADVANTAGES of Klereo

- ◆ pH regulation and disinfection (chlorine, salt, active oxygen or bromine...)
- ◆ Automation of pool functions: heating, lighting, cleaning, bubbles, counter-current swimming, water jets
- ◆ Notifications in case of problems (low level of drums, ph drift, pressure, filter...)
- ◆ More energy savings, less water use, less cleaning products



+++ Commands from KNX

Provision of instant commands from KNX :

- ◆ Water filtration
- ◆ Overflow
- ◆ Heating set-point temperature
- ◆ Control relays for pumps: lighting, waterfall, fountain, etc.
- ◆ Cleaning the filter
- ◆ Curtain according to country standard



+++ Visualisation from KNX

Provision of real time values from the Klereo system:

- ◆ Order status
- ◆ Pressure
- ◆ Water and air temperature
- ◆ Chemical values: pH, redox, salinity, turbidity
- ◆ Water level
- ◆ Empty canister alert



+++ Integrating tailor-made functions

Integration of other applications around the pool:

- ◆ Water temperature regulation
- ◆ Coloured lighting (RGBW)
- ◆ Autonomous robot
- ◆ Water consumption monitoring: meters, slow leak and leak sensor
- ◆ Water level adjustment



+++ Technical specifications

- ◆ KNX TP, S-Mode (ETS), 30V, 5mA
- ◆ Ethernet : 10/100 Mbps
- ◆ Power supply : 9-30V DV, 2W
- ◆ Operating temperature : -25°/+55°C
- ◆ Dimensions : Rail DIN – 2 Modules – 35m
- ◆ Made in Europe
- ◆ 2 year guarantee

