Partner: Can'nX
Model: Klereo
Device Type: Pool Monitoring/Controller

## CONTACT SUPPORT:

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|---|---|
| **COMPANY NAME:** | Can'nX |
| **SUPPORT CONTACT:** | valentin.ahkane@can-nx.com |
| **EMAIL ADDRESS:** | contact@can-nx.com |
| **PHONE:** | 04 93 18 83 79 |
| **ADDRESS:** | Can'nX<br>Le Florentin<br>1178 Route du Bord de Mer<br>06700 Saint-Laurent-du-Var<br>France |
| **NOTES:** | |

## GENERAL INFORMATION

| | |
|---|---|
| **SIMPLWINDOWS NAME:** | Poolnx_Klereo v1.0.umc |
| **CATEGORY:** | Pool Monitoring/Controller |
| **VERSION:** | v1.0 |
| **SUMMARY:** | Provides Creston-usable values about the data of a Klereo pool.<br><br>This module performs a **TCP/IP connection** to a Pool'nX that is used like a proxy to gather data from Klereo, send it to Crestron, and receive commands from Crestron to control the Klereo. |
| **GENERAL NOTES:** | |
| **CRESTRON HARDWARE REQUIRED:** | 3-Series Processor, 4-Series Processor |
| **SETUP OF CRESTRON HARDWARE:** | The Crestron Control Processor's IP address must be in the same subnet as the Pool'nX |
| **VENDOR FIRMWARE:** | N/A |

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|---|---|
| **VENDOR SETUP:** | The Pool'nX has to have an internet connection. |
| **CABLE DIAGRAM:** | N/A |

## CONTROL: (BASIC FUNCTIONS)

| Signal/Function Name | D,S,A | Digital, Serial, Analog signal property definition. |
|---|---|---|
| // | // | Each of the following signals will send a command to the Pool'nX/TCP server |
| **di_WaterTempSetPointIncrease** | D | Increase by 1°C the temperature set point of the pool.<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_WaterTempSetPointDecrease** | D | Decrease by 1°C the temperature set point of the pool.<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **ai_WaterTempSetPoint** | A | Set the water temperature set point to the given analog value<br><br>Valid values range from 0d to 59d |
| **di_Heating_Manual_Off** | D | Manually stop the heating<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Heating_Regulation_On** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Filtration_Manual_Off** | D | Manually stop the filtration<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Filtration_Manual_On** | D | Manually start the filtration<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Filtration_Enable_Time_Range** | D | Enable the Time Range<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Filtration_Regulation_On** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Lighting_Manual_Off** | D | Manually stop the lighting<br><br>Note: The lighting will still start again automatically depending on the Time Range settings<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Lighting_Manual_On** | D | Manually start the ligthing<br><br>Note: The lighting will still stop automatically depending on the Time Range settings |

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| | | High/1 (rising edge) = Activate command; Low/0 = No effect |
|---|---|---|
| **di_Lighting_Time_Range** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Lighting_Timer_Off** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Lighting_Timer_On** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |

## CONTROL: (ADDITIONAL FUNCTIONS):

| | | |
|---|---|---|
| **di_Aux[1-9]_Manual_Off** | D | Manually stop the auxiliary<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Aux[1-9]_Manual_On** | D | Manually start the auxiliary<br><br>High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Aux[1-9]_Time_Range** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Aux[1-9]_Timer_Off** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |
| **di_Aux[1-9]_Timer_On** | D | High/1 (rising edge) = Activate command; Low/0 = No effect |

## FEEDBACK: BASIC FUNCTIONS):

| | | |
|---|---|---|
| **//** | // | Some ANALOG signal's value has been multiplied by 10 (To keep a precision of 0,1).<br>Remember to take this into account when manipulating ANALOG values that. |
| **Water_Temperature_Text** | S | Serial value of the water temperature.<br>Has the unit " °C " at the end. (ex: 20.5 °C) |
| **Air_Temperature_Text** | S | Serial value of the air temperature.<br>Has the unit " °C " at the end. (ex: 20.5 °C) |
| **Internal_Temperature_Text** | S | Serial value of the internal temperature.<br>Has the unit " °C " at the end. (ex: 20.5 °C) |
| **Heating_English_Text** | S | Serial signification about the state of the Heating<br><br>To see all the possible codes and their signification, visit this documentation: https://doc.can-nx.com/poolnx-klereo, or the description of Heating_Code_Text signal. |
| **Filtration_English_Text** | S | Serial signification about the state of the Filtration.<br><br>To see all the possible codes and their signification, visit this documentation: https://doc.can-nx.com/poolnx-klereo, or the description of Filtration_Code_Text signal. |
| **Lighting_English_Text** | S | Serial signification about the state of the Lighting<br><br>To see all the possible codes and their signification, visit this documentation: https://doc.can-nx.com/poolnx-klereo, or the description of Lighting_Code_Text signal. |

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| pH_Text | S | Serial value of the pH. |
|---|---|---|
| Orp_Text | S | Serial value of the ORP.<br>Has the unit " mV " at the end. (ex: 600 mV) |
| Pressure_Text | S | Serial value of the pressure.<br>Has the unit " mBar " at the end. (ex: 850 mBar) |

## FEEDBACK: (ALL FUNCTIONS):

| do_pH_Canister | D | Digital value of the pH canister.<br>Low/0 = The canister is empty (0).<br>High/1 = The canister is not empty : ]0,100] |
|---|---|---|
| pH_Analog | A | Analog value of the pH. Has been multiplied by 10 to keep a 0,1 precision. |
| pH_Text | S | Serial value of the pH. |
| pH_Setpoint_Analog | A | Analog value of the pH set point. |
| pH_Setpoint_Text | S | Serial value of the pH set point. |
| Water_Level_Analog | A | Analog value of the water level. Has been multiplied by 10 to keep a 0,1 precision. |
| Water_Level_Text | S | Serial value of the water level<br>Has the unit " %" at the end. (ex: 65%). |
| Orp_Analog | A | Analog value of the ORP. Has been multiplied by 10 to keep a 0,1 precision. |
| Orp_Text | S | Serial value of the ORP.<br>Has the unit " mV " at the end. (ex: 600 mV) |
| OrpSetPoint_Analog | A | Analog value of the ORP set point. Has been multiplied by 10 to keep a 0,1 precision. |
| OrpSetPoint_Text | S | Serial value of the ORP set point.<br>Has the unit " mV " at the end. (ex: 600 mV) |
| Pressure_Analog | A | Analog value of the pressure. Has been multiplied by 10 to keep a 0,1 precision. |
| Pressure_Text | S | Serial value of the pressure.<br>Has the unit " mBar " at the end. (ex: 850 mBar) |
| Air_Temperature_Analog | A | Analog value of the air temperature. Has been multiplied by 10 to keep a 0,1 precision. |
| Air_Temperature_Text | S | Serial value of the air temperature<br>Has the unit " °C " at the end. (ex: 20.5 °C) |
| Water_Temperature_Analog | A | Analog value of the water temperature. Has been multiplied by 10 to keep a 0,1 precision. |
| Water_Temperature_Text | S | Serial value of the water temperature<br>Has the unit " °C " at the end. (ex: 20.5 °C) |
| WaterTemperatureSetPoint_Analog | A | Analog value of the Temperature set point. Has been multiplied by 10 to keep a 0,1 precision. |

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|---|---|---|
| **WaterTemperatureSetPoint_Text** | S | Serial value of the water temperature set point<br>Has the unit " °C " at the end. (ex: 20.5 °C) |
| **Internal_Temperature_Analog** | A | Analog value of the internal temperature. Has been multiplied by 10 to keep a 0,1 precision. |
| **Internal_Temperature_Text** | S | Serial value of the internal temperature.<br>Has the unit " °C " at the end. (ex: 20,5 °C) |
| **Heating_Analog** | A | Analog code value of the heating state.<br>0d = Manual Off<br>31d = Regulated On<br> To directly have the textual meaning of the code, use <Heating_English_Text>. |
| **Heating_Code_Text** | S | |
| **Heating_English_Text** | S | Serial signification about the state of the Heating |
| **Filtration_Analog** | A | Analog code value of the filtration state.<br>0d = Manual Off<br>1d = Manual On<br><br>10d = Time Range Off<br>11d = Time Range On<br><br>20d = Timer Off<br>21d = Timer On<br><br>30d = Regulated Off<br>31d = Regulated On<br><br>40d = Filtration synchronization Off<br>41d = Filtration synchronization On<br><br>60d = Maintenance Off<br>61d = Maintenance On<br><br>80d = Impulse Off<br>81d = Impulse On<br> To directly have the textual meaning of the code, use <Filtration_English_Text>. |
| **Filtration_Code_Text** | S | Serial code value of the filtration state.<br>0 = Manual Off<br>1 = Manual On<br><br>10 = Time Range On<br>11 = Time Range Off<br><br>20 = Timer Off<br>21 = Timer On<br><br>30 = Regulated Off<br>31 = Regulated On<br><br>40 = Filtration synchronization Off<br>41 = Filtration synchronization On<br><br>60 = Maintenance Off<br>61 = Maintenance On |

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|---|---|---|
| | | 80 = Impulse Off<br>81 = Impulse On<br> To directly have the textual meaning of the code, use <Filtration_English_Text>. |
| **Filtration_English_Text** | S | Serial signification about the state of the Filtration. |
| **Lighting_Analog** | A | Analog code value of the lighting state.<br>0d = Manual Off<br>1d = Manual On<br><br>10d = Time Range Off<br>11d = Time Range On<br><br>20d = Timer Off<br>21d = Timer On<br><br>30d = Regulated Off<br>31d = Regulated On<br><br>40d = Filtration synchronization Off<br>41d = Filtration synchronization On<br><br>60d = Maintenance Off<br>61d = Maintenance On<br><br>80d = Impulse Off<br>81d = Impulse On<br> To directly have the textual meaning of the code, use <Lighting_English_Text>. |
| **Lighting_Code_Text** | S | Serial code value of the lighting state.<br>0 = Manual Off<br>1 = Manual On<br><br>10 = Time Range On<br>11 = Time Range Off<br><br>20 = Timer Off<br>21 = Timer On<br><br>30 = Regulated Off<br>31 = Regulated On<br><br>40 = Filtration synchronization Off<br>41 = Filtration synchronization On<br><br>60 = Maintenance Off<br>61 = Maintenance On<br><br>80 = Impulse Off<br>81 = Impulse On<br> To directly have the textual meaning of the code, use <Lighting_English_Text>. |
| **Lighting_English_Text** | S | Serial signification about the state of the lighting. |
| **Pool_Mode_Analog** | A | Analog code value of the pool mode.<br>0d = Stop<br>1d = Eco |

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|---|---|---|
| | | 2d = Normal<br>3d = Monitoring<br>4d = Winterization<br>5d = Reserved<br>6d = Installation<br>7d = Reserved<br>To directly have the textual meaning of the code, use <Pool_Mode_English_Text>. |
| **Pool_Mode_Code_Text** | S | Serial code value of the pool mode.<br>0 = Stop<br>1 = Eco<br>2 = Normal<br>3 = Monitoring<br>4 = Winterization<br>5 = Reserved<br>6 = Installation<br>7 = Reserved<br>To directly have the textual meaning of the code, use <Pool_Mode_English_Text>. |
| **Pool_Mode_English_Text** | S | Serial signification about the pool mode. |
| **do_Treatment_Canister** | D | Digital value of the treatment canister.<br>Low/0 = The canister is empty (0).<br>High/1 = The canister is not empty : ]0,100] |
| **Treatment_Mode_Analog** | A | Analog code value of the treatment mode.<br>0d = No disinfectant<br>1d = Liquid chlorine<br>2d = Electrolyzer model Generic<br>3d = Electrolyzer model Klereo 1<br>4d = Oxygen<br>5d = Bromine<br>6d = Electrolyzer model Klereo 2<br>7d = Reserved<br>8d = Electrolyzer model Klereo 3<br>To directly have the textual meaning of the code, use <Treatment_Mode_English_Text>. |
| **Treatment_Mode_Code_Text** | S | Serial code value of the treatment mode.<br>0 = No disinfectant<br>1 = Liquid chlorine<br>2 = Electrolyzer model Generic<br>3 = Electrolyzer model Klereo 1<br>4 = Oxygen<br>5 = Bromine<br>6 = Electrolyzer model Klereo 2<br>7 = Reserved<br>8 = Electrolyzer model Klereo 3<br>To directly have the textual meaning of the code, use <Treatment_Mode_English_Text>. |
| **Treatment_Mode_English_Text** | S | Serial signification about the state of the Treatment. |
| **pH_Mode_Analog** | A | Analog code value of the pH mode.<br>0d = Stop<br>1d = pH-Minus<br>2d = pH-Plus<br>To directly have the textual meaning of the code, use <pH_Mode_English_Text>. |

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| | | |
|---|---|---|
| **pH_Mode_Code_Text** | S | Serial code value of the pH mode.<br>0 = Stop<br>1 = pH-Minus<br>2 = pH-Plus<br>To directly have the textual meaning of the code, use <pH_Mode_English_Text>. |
| **pH_Mode_English_Text** | S | Serial signification about the state of the pH. |
| **Heater_Mode_Analog** | A | Analog code value of the heater mode.<br>0d = No heating<br>1d = Heating or heat pymp by dry contact<br>2d = Heat pump controlled by bus<br>To directly have the textual meaning of the code, use <Heater_Mode_English_Text>. |
| **Heater_Mode_Code_Text** | S | Serial code value of the heater mode.<br>0 = No heating<br>1 = Heating or heat pump by dry contact<br>2 = Heat pump controlled by bus<br>To directly have the textual meaning of the code, use <Heater_Mode_English_Text>. |
| **Heater_Mode_English_Text** | S | Serial signification about the state of the Heater. |
| **Chlorine_Analog** | A | Analog value of the chlorine. Has been multiplied by 10 to keep a 0,1 precision. |
| **Chlorine_Text** | S | Serial value of the chlorine.<br>Has the unit " mg/L " at the end. (ex: 1.5 mg/L) |
| **ChlorineSetPoint_Analog** | A | Analog value of the chlorine set point. Has been multiplied by 10 to keep a 0,1 precision. |
| **ChlorineSetPoint_Text** | S | Serial value of the chlorine set point.<br>Has the unit " mg/L " at the end. (ex: 1.5 mg/L) |
| **Disinfectant_Analog** | A | Analog code value of the disinfectant state.<br>0d = Manual Off<br>1d = Manual On<br><br>10d = Time Range Off<br>11d = Time Range On<br><br>20d = Timer Off<br>21d = Timer On<br><br>30d = Regulated Off<br>31d = Regulated On<br><br>40d = Filtration synchronization Off<br>41d = Filtration synchronization On<br><br>60d = Maintenance Off<br>61d = Maintenance On<br><br>80d = Impulse Off<br>81d = Impulse On<br> To directly have the textual meaning of the code, use <Disinfectant_English_Text>. |
| **Disinfectant_Code_Text** | S | Serial code value of the disinfectant state. |

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| | | |
|---|---|---|
| | | 0 = Manual Off<br>1 = Manual On<br><br>10 = Time Range On<br>11 = Time Range Off<br><br>20 = Timer Off<br>21 = Timer On<br><br>30 = Regulated Off<br>31 = Regulated On<br><br>40 = Filtration synchronization Off<br>41 = Filtration synchronization On<br><br>60 = Maintenance Off<br>61 = Maintenance On<br><br>80 = Impulse Off<br>81 = Impulse On<br> To directly have the textual meaning of the code, use <Disinfectant_English_Text>. |
| **Disinfectant_English_Text** | S | Serial signification about the state of the Disinfectant. |
| **Hybrid_Disinfectant_Analog** | A | Analog code value of the hybrid disinfectant state.<br>0d = Manual Off<br>1d = Manual On<br><br>10d = Time Range Off<br>11d = Time Range On<br><br>20d = Timer Off<br>21d = Timer On<br><br>30d = Regulated Off<br>31d = Regulated On<br><br>40d = Filtration synchronization Off<br>41d = Filtration synchronization On<br><br>60d = Maintenance Off<br>61d = Maintenance On<br><br>80d = Impulse Off<br>81d = Impulse On<br> To directly have the textual meaning of the code, use <Hybrid_Disinfectant_English_Text>. |
| **Hybrid_Disinfectant_Text** | S | Serial code value of the Hybrid disinfectant state.<br>0 = Manual Off<br>1 = Manual On<br><br>10 = Time Range On<br>11 = Time Range Off<br><br>20 = Timer Off |

| | | |
|---|---|---|
| | | 21 = Timer On<br><br>30 = Regulated Off<br>31 = Regulated On<br><br>40 = Filtration synchronization Off<br>41 = Filtration synchronization On<br><br>60 = Maintenance Off<br>61 = Maintenance On<br><br>80 = Impulse Off<br>81 = Impulse On<br> To directly have the textual meaning of the code, use <Hybrid_Disinfectant_English_Text>. |
| Hybrid_Disinfectant_English_Text | S | Serial signification about the state of the Hybrid Disinfectant. |
| Salinity_Analog | A | Analog value of the salinity. Has been multiplied by 10 to keep a 0,1 precision. |
| Salinity_Text | S | Serial value of the salinity.<br>Has the unit " mg/L " at the end. (ex: 10.5 mg/L) |
| Turbidity_Analog | A | Analog value of the turbidity. Has been multiplied by 10 to keep a 0,1 precision. |
| Turbidity_Text | S | Serial value of the turbidity.<br>Has the unit " FNU " at the end. (ex: 0.3 FNU) |
| Tacth_Analog | A | Analog value of the TAC/TH. Has been multiplied by 10 to keep a 0,1 precision. |
| Tacth_Text | S | Serial value of the TAC/TH, Complete Alcalimetric Title)/(Total Hardness)<br>Has the unit " FNU " at the end. (ex: 0.3 FNU) |
| Covering_Section_Analog | A | Analog value of the covering section. Has been multiplied by 10 to keep a 0,1 precision. |
| Covering_Section_Text | S | Serial value of the covering section.<br>Has the unit " %" at the end. (ex: 68%). |
| pH_Corrector_Analog | A | Analog code value of the pH corrector state.<br>0d = Manual Off<br>1d = Manual On<br><br>10d = Time Range Off<br>11d = Time Range On<br><br>20d = Timer Off<br>21d = Timer On<br><br>30d = Regulated Off<br>31d = Regulated On<br><br>40d = Filtration synchronization Off<br>41d = Filtration synchronization On<br><br>60d = Maintenance Off<br>61d = Maintenance On<br><br>80d = Impulse Off<br>81d = Impulse On |

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|---|---|---|
| | | To directly have the textual meaning of the code, use <pH_Corrector_English_Text>. |
| **pH_Corrector_Code_Text** | S | Serial code value of the pH corrector state.<br>0 = Manual Off<br>1 = Manual On<br><br>10 = Time Range On<br>11 = Time Range Off<br><br>20 = Timer Off<br>21 = Timer On<br><br>30 = Regulated Off<br>31 = Regulated On<br><br>40 = Filtration synchronization Off<br>41 = Filtration synchronization On<br><br>60 = Maintenance Off<br>61 = Maintenance On<br><br>80 = Impulse Off<br>81 = Impulse On<br>To directly have the textual meaning of the code, use <pH_Corrector_English_Text>. |
| **pH_Corrector_English_Text** | S | Serial signification about the pH corrector. |
| **Alert_Is_High** | D | High/1 = True; Low/0 = False |
| **Alert_Is_Medium** | D | High/1 = True; Low/0 = False |
| **Aux[1-9]_Analog** | A | Analog code value of the auxiliary state.<br>0d = Manual Off<br>1d = Manual On<br><br>10d = Time Range Off<br>11d = Time Range On<br><br>20d = Timer Off<br>21d = Timer On<br><br>30d = Regulated Off<br>31d = Regulated On<br><br>40d = Filtration synchronization Off<br>41d = Filtration synchronization On<br><br>60d = Maintenance Off<br>61d = Maintenance On<br><br>80d = Impulse Off<br>81d = Impulse On<br>To directly have the textual meaning of the code, use <Aux[1-9]_English_Text>. |
| **Aux[1-9]_Code_Text** | S | Serial code value of the auxiliary state.<br>0 = Manual Off |

| | | |
|---|---|---|
| | | 1 = Manual On |
| | | 10 = Time Range On |
| | | 11 = Time Range Off |
| | | 20 = Timer Off |
| | | 21 = Timer On |
| | | 30 = Regulated Off |
| | | 31 = Regulated On |
| | | 40 = Filtration synchronization Off |
| | | 41 = Filtration synchronization On |
| | | 60 = Maintenance Off |
| | | 61 = Maintenance On |
| | | 80 = Impulse Off |
| | | 81 = Impulse On<br>To directly have the textual meaning of the code, use <Aux[1-9]_English_Text>. |
| Aux[1-9]_English_Text | S | Serial signification about the auxiliary code. |
| Alert_Code_[0-4]_Analog | A | Analog code value of the auxiliary state.<br><br>To see all the alert codes and their significations, visit our documentation sheet : https://doc.can-nx.com/poolnx-klereo/<br><br>To directly have the textual meaning of the code, use <Alert_Code_[0-4]_English_Text>. |
| Alert_Code_[0-4]_Code_Text | S | Serial value of the alert code.<br><br>To see all the alert codes and their significations, visit our documentation sheet: https://doc.can-nx.com/poolnx-klereo/<br><br>To directly have the textual meaning of the code, use <Alert_Code_[0-4]_English_Text>. |
| Alert_Code_[0-4]_English_Text | S | Serial signification about the alert code. |
| Alert_Parameter_[0-4]_Analog | A | Analog value of the alert parameter state.<br><br>To see all the alert parameters and their significations, visit our documentation sheet : https://doc.can-nx.com/poolnx-klereo/<br><br>To directly have the textual meaning of the code, use <Alert_Code_0_English_Text> |
| Alert_Parameter_[0-4]_Code_Text | S | Serial value of the alert parameter state.<br><br>To see all the alert parameters and their significations, visit our documentation sheet : https://doc.can-nx.com/poolnx-klereo/<br><br>To directly have the textual meaning of the code, use <Alert_Code_0_English_Text> |
| Alert_Parameter_[0-4]_English_Text | S | Serial signification about the parameter code. |

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| Alert_Count_Analog | A | Analog value of the number of ongoing alerts. |
|---|---|---|
| Alert_Count_Text | S | Serial value of the number of ongoing alerts |
| Debit1_Is_Disabled | D | Signals the state of the flow meter 1.<br><br>High/1 = Flow is disable; Low/0 = Flow is enable. |
| Debit1_Meter_Analog | A | Analog value of the flow meter 1. Has been multiplied by 10 to keep a 0,1 precision |
| Debit1_Meter_Text | S | Serial value of the flow meter 1. |
| Debit2_Is_Disabled | D | Signals the state of the flow meter 2.<br><br>High/1 = Flow is disable; Low/0 = Flow is enable. |
| Debit2_Meter_Analog | A | Analog value of the flow meter 2 meter. Has been multiplied by 10 to keep a 0,1 precision |
| Debit2_Meter_Text | S | Serial value of the flow meter 2 meter. |

## PARAMETERS: (anything needed to be assigned inside program)

| IP_Address | S | IP address of the pool'nX device in which the TCP server is launched. |
|---|---|---|

## TESTING: (please fill out carefully)

| OPS USED FOR TESTING: | MC3 1.502.4324.33148 |
|---|---|
| SIMPL WINDOWS USED FOR TESTING: | 4.2200.00.03 |
| DEVICE DB USED FOR TESTING: | 200.265.001.00 |
| CRES DB USED FOR TESTING: | 218.00.001.00 |
| SYMBOL LIBRARY USED FOR TESTING: | 1180 |
| SAMPLE PROGRAM: | Poolnx_Klereo v1.0 Demo.smw |
| REVISION HISTORY: | v1.0 |