

9/16 DO YOU NEED TO CALIBRATE YOUR SENSORS FOR WATER QUALITY CONTROL?

With the Sensors and Controller Kit for water quality Arcus SK08-WAQ-MES ref. 30802001, you can check the PH and REDOX in swimming pools, aquariums, ponds and service water systems. If you need to calibrate it, we explain how:

- There are 2 objects for calibration
 - "0 - Calibration object"
 - "1 - Calibration value"
- Sending a "0" to object 1, the calibration is restored
- We are going to use an example to explain the calibration process:
 - Buffer solution PH 7 (should be bought from a swimming pool material supplier). Take a measurement of the PH until it reaches a stable value. If for example, the value obtained in object "2 - Output, measured value pH" is 0.12 in the group monitor, send:

To object 0 "0xA0" in hexadecimal or
"160" in decimal selecting data point 1byte
unsigned

To object 1 "-12" (or 12 times "-1")

Check the difference is 0.00 (+/- 0.01)

- Buffer solution PH 4 (should be bought from a swimming pool material supplier). Take a measurement of the PH until it reaches a stable value. If for example, the value obtained in object "2 - Output, measured value pH" is 4.09 in the group monitor, send:

To object 0 "0xA1" in hexadecimal or "161" in decimal selecting data point 1byte
unsigned

To object 1 "-9" (or 9 times "-1")

Check the difference is 0.00 (+/- 0.01)

- For standard applications it is not recommended to calibrate the ORP (redox)

Check the product page for more information:

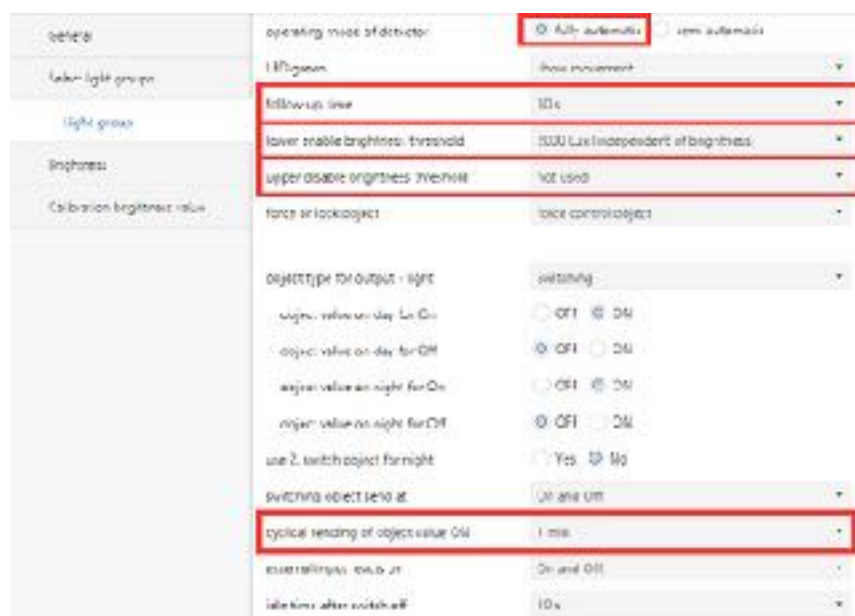
http://www.futurasmus-knxgroup.es/producto.php?cod_producto=9151



10/16 DO YOU WANT TO CONFIGURE THE MASTER/SLAVE MODE IN YOUR PRESENCE DETECTORS OF THE SCN SERIES FROM MDT?

In the application program in the submenu "*light groups*", the slaves must be configured as follows:

- Select "*fully automatic*".
- "*follow-up time*" same value master and slave.
- Activate cyclic sending for the output
"*Cyclic sending of value object ON*" different value from "*not used*" (for example set to 1 minute)
- "lower enable brightness threshold"
"2000 Lux (independent of brightness)"
- "upper disable brightness threshold"
→ "not used"



object	operating mode of detector	☒ fully automatic ☐ semi automatic
light group	follow-up time	10 min
light group	lower enable brightness threshold	2000 Lux independent of brightness
light group	upper disable brightness threshold	not used
light group	typical sending of object value ON	1 min

For the master:

- Select "fully automatic" or "semi automatic", as desired.
- "*follow-up time*" a value of "10 min" is recommended.

The communication objects have to be linked:

From the slaves communication objects "*0 - Output - light group 1*"

From the master communication object "*3 - Input external movement - light group 1*"

Have a look at the full range of MDT presence detectors, with a superb value for money:

<http://www.futurasmus-knxgroup.com/busqueda.php?>

[busqueda=presence&tipobusqueda=1&ffabricante=94&ffamilia=0&fdescatalogado=0&fcolor=1&orden=0](http://www.futurasmus-knxgroup.com/busqueda.php?busqueda=presence&tipobusqueda=1&ffabricante=94&ffamilia=0&fdescatalogado=0&fcolor=1&orden=0)

11/16 HAVING TROUBLES INSTALLING DRIVERS ON WINDOWS 10?

Some devices require driver installation, so you can do it without problems if you enable the possibility of installing unsigned Windows 10 drivers.

Steps:

- Press “Win + X”.
- Navigate to “Shutdown” and then “Shift + Left Click” on the “Restart” option.
- The above action will restart the system. Select “Troubleshooting” option.
- In the next section select “Advanced options” and then “Start-up Settings”.
- One more time select “Restart”.
- Some options will be shown. Select option “7” or “F7” and the system will be restarted with the disable driver signature enforcement.
- Now any unsigned driver could be installed.



12/16 EIBPORT COMPATIBILITY WITH JAVA VERSIONS

Bab Tec has the Bab Starter application which allows to access any eibPort regardless of Java version installed on our PC. To run this software correctly to detect the eibPort, we must ensure the device has a proper version:

- If it is an eibPort v2.1, we must be verified the firmware version is 0.11.8. Otherwise, we must download this exclusive firmware version for v2.1 and update it previously with the UpdateTool. After that, Bab Starter application will detect it without problems.
- If it is an eibPort v3.0 or higher, there is no problem, since the firmware is ready for the Bab Starter application to recognize it.



Download links:

UpdateTool V2.1:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/UpdateTool/Software/UpdateTool-20101104.zip

Firmware 0.11.8:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/eibPort/Software/Firmware/V2.1/fw_ep2-0.11.8.zip

Bab Starter for Windows:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/Starter/BAB_STARTER_Win_Setup_1_0_16.exe.zip

Bab Starter for Mac:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/Starter/BAB_STARTER_1.0.16.dmg.zip

UpdateTool V2.1:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/UpdateTool/Software/UpdateTool-20101104.zip

Firmware 0.11.8:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/eibPort/Software/Firmware/V2.1/fw_ep2-0.11.8.zip

Bab Starter para Windows:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/Starter/BAB_STARTER_Win_Setup_1_0_16.exe.zip

Bab Starter para Mac:

http://bab-tec.de/index.php/eibport_v3_en.html?file=tl_files/Downloads/Starter/BAB_STARTER_1.0.16.dmg.zip