

Aspects to consider for the correct installation of AgroBee-L Modules

For the correct functioning of the modules, we recommend to follow these instructions:

1. The AgroBee-L system only uses 2 wires latch solenoids. It can be configured for 3 wires, but it will then lose half of its outputs. **It isn't possible to use 2 and 3 wires solenoids simultaneously in the same module.**
2. **The AgroBee-L modules must be located at a minimum height of 4.5 m** above the ground level (the higher, the better the coverage conditions) **and must be installed on foldable poles** to access them easily. The modules are delivered with a 7 m cable.
3. **The Coordinator aerial** (located at the programmer) **must be located at a minimum height of 5m** (the length of the cable supplied is 10 m). It is convenient that this aerial can be seen from the direct link modules.
4. When installing two or more modules at the same point, **the distance between their antennas must be higher than 50 cm.**
5. If the installation has a frequency converter, **it will have filters and a shielded cable at the output from the converter to the engine**, in order to meet the CE norms and to not affect the programmer and the AgroBee.
6. During the installation process, **the aerial cables must be separated** from the rest of the wires.
7. We have to indicate that **the aerial cables cannot be spliced, cut or elongated.**
8. Finally, to guaranty the correct functioning of the system, **verify in the module communications query, that in the last 16 communications no more than three "ø" appear, and that the RSSI coverage level exceeds the value of 40%.**

In order to modify the communication parameters of any AgroBee-L module it will be necessary to have a Module Reader, either wired or wireless.

If you have any questions or suggestions, we are at your disposal.