



FG-SYS SYSTEM TROUBLE SHOOTING Q&A

During the test, the posted overall length not corresponding to that installed:

There is a cable damaged on the circuit. If one of wire of detection (spiral wire) is cut, the length read by the digital unit will be 15 meters whatever the real length of the sense cable. But, as soon as the test is finished, a message of cable break indicates which the damaged sense cable is.

During the powering, the sense cables installed are not read:

To check the connection of the connecting cable FG-CLC on the connector block of the digital unit. An inversion between the two couples red + black and green + white damages the electronics of the first connected sense cable.

During the powering, the digital unit does not read one of the sense cables installed:

The identified sense cable is probably defective, as well as the connector of the previous sense cable.

Leak is detected but badly localized liquid:

The precision of the localization of a leak is + / - 1 meter. If a leak is not visible in this perimeter, pay attention to the whole length of the cables. The leak cannot be on the cable upstream, or on the cable downstream; each cable is managed in an autonomous way by a chip, placed in its connector on the male end which makes them completely independent.

Message of cable break:

The display indicates the localization of a fault. Check the connections of the sense cable. If the localization is at the end of a loop, check the termination block FG-TMC. Check finally the state of the sense cable over all its length to detect a cut or a shearing.

Cable break with 0 meter:

Check the connection between the leader cable FG-CLC and the connector block on the FG-SYS Digital Unit. A short-circuit between the red wire and the black wire can cause cable break alarm.



Message of leak which appears and which disappears regularly:

The message of leak does not remain permanently registered. The threshold of contamination of the sense cable is not reached. Either there is a small leak (insufficient to set off the alarm), or the cable is polluted (dirtiness, painting, grease, bituminize...).

The keys of the keyboard do not answer any more:

Check the circuit board on the front face. It may not be connected properly to the electronic chart. To reach it, it is necessary to open the door for the metal enclosure FG-SYS F.

The audible alarm does not stop any more:

In the event of fault, the audible alarm sounds continuously. If it does not stop, use the manual switch, situated under the green led witness; Check the circuit board on the front face.

Problem from the display:

Contrast decreases, retro-lighting is irregular; the problem can come from the power source. Please contact TTK UK Ltd., TTK Asia Ltd., or TTK S.A.S.

FG-SYS Digital Unit "blocked ":

Make a "Test", by pressing on the "T" key, on the front keypad. If after one minute, the FG-SYS Digital Unit is still blocked, turn the Digital Unit off, for at least three minutes, and then turn it on. If still no response, call TTK UK Ltd., TTK Asia Ltd., or TTK S.A.S.