

Product launch: NEW Jauch Miniature-sized TCXO for navigation



If you have ever dealt with navigation systems, you know about the high demands of GPS- and GNSS-applications in terms of precision and frequency stability.

Therefore, we have developed the new high-precision TCXO JT21G, that is specially designed to meet the needs of navigation devices.

The strengths of the new TCXO are:

- Excellent frequency stability and low hysteresis
The JT21G guarantees a frequency stability of ± 0.5 ppm. Besides, it is characterized by a low hysteresis of 0.6 ppm maximum and is insensitive to changes in ambient temperature. For each temperature step of 2°C, frequency will change for only 0.1 ppm maximum.
- Low power consumption of up to 5.5 μ A
If your application is battery-powered and requires a low power consumption, the JT21GE is the right choice for you. This variant of the JT21G is equipped with an additional E/D-function, that can be used to put the TCXO into power-saving mode. This reduces the power consumption from 2 mA in normal operation to just 5.5 μ A.

For more information, pls contact T&G Nordic Oy; sales@tgnordic.fi