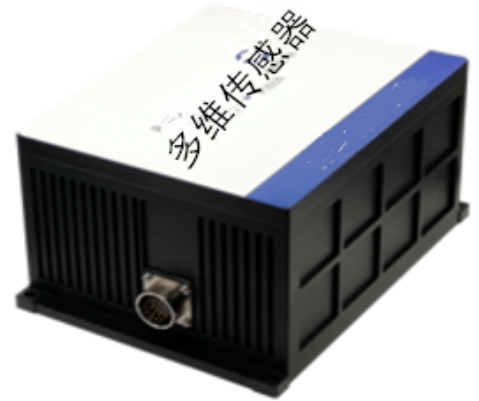




GXT-3000B multi-dimensional sensor sensorP/N: GXT3KA

- * Designed to meet GB/T 17626, GJB150 requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Vibration: 1 ~ 5.5 Hz, 25.4 mm 5.5 Hz ~ 500 Hz *
- Operating temperature range:-40°C to +65°C



Communication protocols

**1 Data Frame Format: (8 Data Bits, 1 Stop Bit, No Check,
Default Rate 9600)**

| Designator (1byte) | The length of the data(1byte) | Address code (1byte) | Command words (1byte) | Data domains | Checksum (1byte) |
|-----------------------|----------------------------------|----------------------------|-----------------------------|-----------------|---------------------|
| 77H | 06 | 00 | 07 | 00/FF | |

Identifier: Fixed to 0x77.

Data Length: The length from the length of the data to the checksum, including the checksum.

Address Code: The address of the collection module, which is 0x00 by default.

Data field: The content and length of the command word vary accordingly.

Checksum: The sum of the data length, address code, command word, and data field (regardless of carrying).

Note: When the command word or data field changes, the check sum will change. When you change the data field, change the check sum accordingly.



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Note: The data field is a 12-byte return angle value and is divided into three groups, each with a sign bit and three compressed BCD codes. They are the pitch angle, the roll angle, and the azimuth angle. For example: Pitch Angle: +0002.0103°, Roll Angle: -00.5132°, Azimuth: 155.6677°

77 10 00 01 00 02 01 03 10 00 51 32 01 55 66 77 DD

