TWIN-STATION Receiver for TESA Wireless Probes

GTL 21 W wireless probe with VERIBOR (optional)

Modular system available in 2 executions (TWIN Station and BPX) for the conversion of inductive probe signals into digital values for transmission to a computer.

These units are important components for measuring fixtures requiring freedom of movement without any constraints and without any cables, a wireless transmission

Signal inputs – 1 to 8 TESA half-bridge wireless probes*

Signal outputs – digital, RS232 through USB port

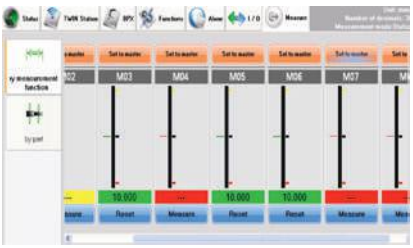
- Direct connection to the USB port of the computer.
- Perfect fit for your metrology applications through the connection of up to 32 wireless probes by means of serial USB to 4 TWIN-Station units.
- Great functional reliability and high accuracy.
- TWIN Station is compatible and can be used with BPX.
- TIS interface software TIS included in supply of TWIN-STATION (part no. 05030012): display of measured values. Possibility of indicating tolerances, simple functions +A, -A , +A+B, +AB , and export of values to a .Csv file.

Note: The sale of TWIN-STATION is limited to EU countries, Switzerland, USA and Canada.

* The sale of wireless probes is limited to EU countries, Switzerland, USA, Canada and China.

TWIN Station, front

TWIN Station, rear



TIS Software, inclued in the Twin Station supply

	Number of wireless probes per TWIN Station	Power supply	Weight, kg
05030012	1-8	Power supply via: – USB port of PC – USB-connected hub – BPX	0,85

± 2 mm, ± 5 mm

0,1 µm

For a temperature of 20°C and a relative humidity of ≤ 50 %: Digital output: ± (0,05 + 0,15 % of measuring range)

55 x 172 x 155 mm (H x W x D)

Housing case in aluminium

For a temperature of 20°C and a relative humidity of ≤ 50 %: Zero drift: ≤ ± 0,05 %/°C. Sensitivity drift: ≤ ± 0,05 %/°C. Acquisition time: 20 ms (between two consecutive measurements) 2 ms (timing window) Time for data transfer from digital serial output (USB): depends on the operating system of the computer

Power supply via USB cable connection
– directly to PC (USB port)
– to a USB-connected hub
– to a BPX probe interface (05030010)

10°C to 40°C

-10°C to 60°C

80 %, without condensation

IP40 (IEC 60529) (DIN 40050)

IEC/EN 61326-1 U.S. 47 CFR part 15, subpart B, Class B digital device

0,85 kg

USB cable, 1,80 m

Transport packaging

Identification number

Declaration of conformity