

Wireless Pneumatic Probe ± 1,5 mm

Probes developed for devices requiring a greater freedom of movement during the measurement or for parts with large dimensions.

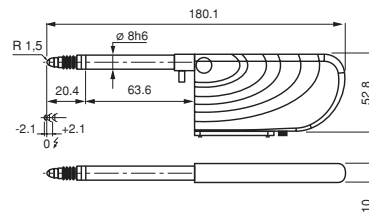
Bidirectional and wireless communication synchronized with the TWIN-STATION Receiver.

- Resolution 0,1 µm.
- Range of 8 m, depending on environment.
- TESA wireless communication protocol independent from WiFi or Bluetooth
- Autonomy 40 hours (rechargeable battery).
- Support structure Ø 8 mm with enhanced clamping over its entire length
- Measuring rod mounted on ball bearing.
- Separate guide bearing on the holding body in order not to negatively influence the movement of the measuring rod in the event of improper clamping of the probe beads.
- Level of protection IP54 according to IEC 60529.
- Wide range of measurement probes.
- The TWIN-STATION (part number 05030012) manages and synchronizes up to 8 wireless probes.
- Interface Software TIS included in delivery content of the TWIN-STATION (art. 05030012): display of measured values, possibility to indicate tolerances, simple functions +A, -A, +A+B, +A-B, and export of values in a .csv file.

Note: The sales is limited to EU countries, Switzerland, USA, Canada and China.



GTL 212 W



GTL 212 W

- N** DIN 32876 Part 1
- S** Nickel-plated housing
Stainless steel measuring bolt, hardened
Viton sealing bellows = highly resistance fluoroe-lastomer
- A** Fixing body nickel Ø 8 mm
Stainless steel measuring bolt, hardened and ball bearing guided
Fixed upper and lower stops
Probe interchangeable
M2,5 thread
Carbide ball Ø 3 mm
Mini jack connector for charger.
- S** Mechanical max. frequency**: 60 Hz
Power supply: 100 ÷ 240 VAC, 50 ÷ 60 Hz; 240 mAh
Rechargeable battery: 3,7 V, min. 550 mAh or 800 mAh
Frequency band: 2,4 GHz Range: 8 m, depending on environment.
- S** Wireless transmission, TWIN-STATION Receiver (05030012)
- S** ± 0,2 µm/°C
- S** 20 ± 0,5°C
- S** Protection IP54 (IEC 60529)
- S** GTL 212 W: 6g
- S** Inspection report with a declaration of conformity

No	=	Measuring range, mm	Nominal measuring force*, N	Bolt retraction	Sealing bellows	Nominal/maximal pressure, bar
03230501	GTL 212	± 1,5	1,2	Pressure (bolt activation), spring (bolt retraction)	Viton	0,7 / max. 1,0

OPTIONAL ACCESSORY:

05030012 TWIN-STATION Interface for wireless probes

=	Max. measuring bolt travel, mm	Maximum permissible error, µm (L in mm)	Repeatability, µm	Hysteresis, µm	Setting of lower stop of the measuring bolt***, mm	Cable output	Data sheet No.
GTL 212 W	4,3	0,4 + 0,8 · L	0,10	0,5	Fixed stops: lower -2,1 upper +2,1	Without cable	03200620

* Electrical zero (N) ± 25 % deviation limit. Valid in vertical mounting position, measuring bolt lowered and in static measuring.

** For an amplitude of 10 % to the last value of the measuring range.

*** Distance from electrical zero.