

Standard Probes ± 5 mm, 10,3 mm Bolt Travel, Extended Range

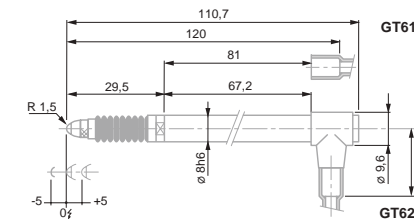
- Designed for long measuring travels and low resolution of values
- Specially suited for use on multigauging inspection fixtures.
- Correction factor applied to get the true value is 2,5x (10x for the S probe version).
- Protection level IP 65 as per IEC 60529.
- Large choice of accessories: Measuring inserts, spring sets, etc.
- LVDT probes compatible with measuring equipment from other suppliers also available on request.



GT 61



GT 62



GT 61 / GT 62

		Measuring range, mm	Nominal measuring force*, N	Measuring bolt retraction	Sealing bellows
03230041	GT 61	± 5	0,90	Mechanical	Viton
03230042	GT 62	± 5	0,90	Mechanical / vacuum	Viton

	Measuring bolt travel, mm	Max. permissible error for deviations in linearity, µm (L in mm)	Repeatability, µm	Hysteresis, µm	Measuring bolt***, mm (factory setting)	Cable output	Data Sheet No.
GT 61	10,3	1 + 4 · L (BPX: 0,2 + 0,8 · L)	0,05	0,05	Lower - 5,1 upper + 5,2 (factory setting -5)	Axial	03200294
GT 62	10,3	1 + 4 · L (BPX: 0,2 + 0,8 · L)	0,05	0,05	Lower - 5,1 upper + 5,2 (factory setting -5)	Radial	03200295

* 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.

- DIN 32876 Part 1
- See table
- Nickel-plated housing, Stainless steel measuring bolt, hardened. Viton bellows = highly resistant fluoroe-lastomer
- Fixing shank Ø 8 mm. Measuring bolt guided on ball-bearing. Distance from electrical zero of both stops is either adjustable (downward) or depending on the position of the lower stop (upward). Interchangeable inserts. M2,5 thread. Carbide ball tip Ø 3 mm. 2 m long cable, 5-pin DIN 45322 connector.
- Supply frequency: 13 kHz (± 5 %) Max. mechanical frequency** 60 Hz.
- 0,09 µm/°C
- 20 ± 0,5°C
- 10°C to 65°C
- 80 %
- Protection level IP65 (IEC 60529)
- Mobile weight: 8 g
- Transport packaging
- Identification number
- Inspection report with a declaration of conformity

