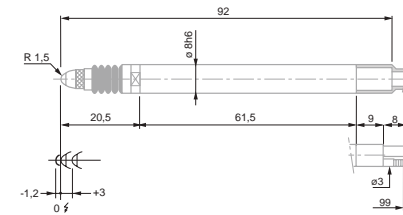


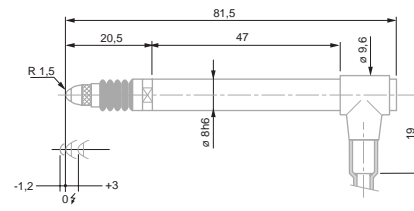
Standard Probes ± 2 mm, 4,3mm Bolt Travel, Linear Travel

Universal probes for standard and continual usage applications.

- Probe housing Ø 8 mm with possibility of clamping over its entire length.
- Measuring bolt mounted on a ball bearing.
- Both the probe housing and ball-bearing guide are separate from one another, so that the measuring bolt moves easily even if the probe is not clamped appropriately.
- Degree of protection IP65 according to IEC 60529.
- Wide range of accessories including measuring inserts, spring sets, etc.
- LVDT probes compatible with measuring equipment from other makers available on request.



GTL 21
GTL 211



GTL 22



GTL 21
GTL 211



GTL 22

No	=	Measuring range, mm	Nominal measuring force*, N	Measuring bolt retraction	Sealing bellows
03230057	GTL 21	± 2	0,63	Mechanical	Viton
03230072	GTL 211	± 2	0,63	Vacuum	Viton
03230056	GTL 22	± 2	0,63	Vacuum	Viton

	Measuring bolt travel, mm	Max. permissible error for deviation in linearity, µm (L in mm)	Repeatability, µm	Hysteresis, µm	Setting of measuring bolt lower stop***, mm (factory setting)	Cable output	Data Sheet No.
GTL 21	4,3	$0,2 + 2,4 \cdot L^2$ (BPX: $0,2 + 0,8 \cdot L$)	0,01	0,02	-2,2 to 0,1 (factory setting -1,2)	Axial	03200391
GTL 211	4,3	$0,2 + 2,4 \cdot L^2$ (BPX: $0,2 + 0,8 \cdot L$)	0,01	0,02	-2,2 to 0,1 (factory setting -1,2)	Axial	03200435
GTL 22	4,3	$0,2 + 2,4 \cdot L^2$ (BPX: $0,2 + 0,8 \cdot L$)	0,01	0,02	-2,2 to 0,1 (factory setting -1,2)	Radial	03200392

* 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 sealing bellows = highly resistant fluor elastomer



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.



0,2 µm/°C



20 ± 0,5°C



-10°C to 65°C



80 %



Protection level IP65 (IEC 60529)



Mobile weight: 6 g



Transport packaging



Identification number



Inspection report with a declaration of conformity

