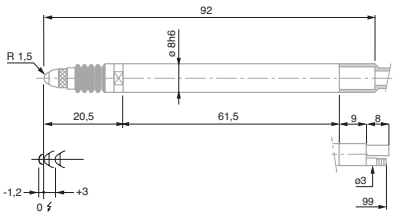
Standard Probes, ± 1 mm, 4,3 mm Travel (GT21)

Universal probes for standard and continuous use applications.

- 8 mm diameter probe housing. Can be clamped 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.

GT21



GT 21

NO		Measuring range, mm	Nominal measuring force*, N	Measuring bolt retraction	Sealing bellows
03210904	**GT 21**	± 1	0,63	Mechanical	Nitrile
03210905	**GT 21**	± 1	1,00	Mechanical	Nitrile
03210906	**GT 21**	± 1	1,60	Mechanical	Nitrile
03210907	**GT 21**	± 1	2,50	Mechanical	Nitrile
03210908	**GT 21**	± 1	4,00	Mechanical	Nitrile

	Measuring bolt travel, mm	Max. permissible error for deviations in linearity, µm (L in mm)	Repeatability, µm	Hysteresis, µm	Setting of the lower bolt stop***, mm (factory setting)	Cable output	Data Sheet No.
GT 21	4,3	$0,2 + 3 \cdot L^3$	0,01	0,02	-2,2 to 0,1 (factory setting -1,2)	Axial	03200249

* 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

Nickel-plated housing. Stainless steel measuring bolt, hardened. Nitrile sealing bellows = resistant 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.

0,15 µm/°C

20 ± 0,5°C

Protection level IP65 (IEC 60529)

Mobile weight: 6 g

Inspection report with a declaration of conformity