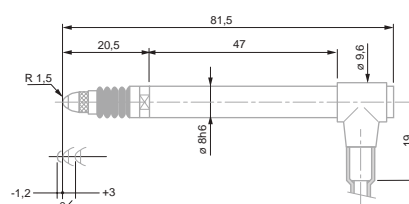


Standard Probes, ± 1 mm, 4,3 mm Travel (GT22)

Universal probes for common but constraining 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.



GT 22

GT 22



DIN 32876 Part 1



See table



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



-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



Measuring range, mm



Nominal measuring force*, N



Measuring bolt retraction



Sealing bellows

03210924	GT 22	± 1	0,63	Mechanical or vacuum	Nitrile
03210921	GT 22	± 1	0,16	Mechanical or vacuum	Nitrile
03210922	GT 22	± 1	0,25	Mechanical or vacuum	Nitrile
03210923	GT 22	± 1	0,40	Mechanical or vacuum	Nitrile
03210925	GT 22	± 1	1,00	Mechanical	Nitrile
03210926	GT 22	± 1	1,60	Mechanical	Nitrile
03210927	GT 22	± 1	2,50	Mechanical	Nitrile
03210928	GT 22	± 1	4,00	Mechanical	Nitrile



Measuring 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 22	4,3	0,2 + 3 · L ³	0,01	0,02	-2,2 to 0,1 (factory setting -1,2)	Radial	03200250
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* 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.

