



DIN 32876 Part 1

See in the tables

Any position of use

8 mm dia. fixing shank. Ball-bearing measuring bolt.

Distance from electrical zero of both stops is either adjustable (downward) or depending on the position of the lower stop (upward).

Interchangeable measuring insert with a 3 mm dia. tungsten carbide ball tip plus M2.5 thread.

2 m long cable. Standard probes with a 5-pin DIN 45322 connector.

Nickel-plated housing. Stainless steel measuring bolt, hardened.

Viton bellows in high-resistance elastomer

Moving mass 8 g

13 kHz ($\pm 5\%$) drive frequency. Highest mechanical frequency to 60 Hz.

0,15 $\mu\text{m}/^\circ\text{C}$

20 $\pm 0,5$ $^\circ\text{C}$

-10 $^\circ\text{C}$ to 65 $^\circ\text{C}$

80%

IP65 (IEC 60529)

Shipping packaging

Identification number

Inspection report with a declaration of conformity

TESA Axial Probes with Long Retraction Travel

Standard Probes

Universal inductive probes for common applications, especially those using multigauging devices.

- Long retraction travel to prevent the probe from being damaged.

LVDT probes compatible with measuring equipment from other makers also available on request.

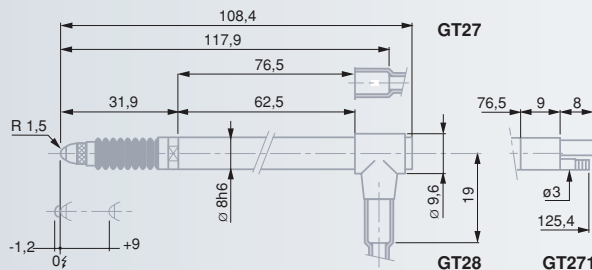
GT 27 probes with axial cable exit

		Measuring range (mm)	N*	Measuring bolt retraction	Sealing bellows
<i>Standard probes</i>					
03230027	GT 27	± 2	0,63	mechanical	Viton
03230073	GT 271	± 2	0,63	vacuum	Viton

GT 28 probes with radial cable exit

		Measuring range (mm)	N*	Measuring bolt retraction	Sealing bellows
<i>Standard probes</i>					
03230026	GT 28	± 2	0,63	vacuum	Viton

* Nominal value at electrical zero, max. $\pm 25\%$. Valid in upright assembly position, with downward oriented measuring bolt, as well as in static measuring.



	Lower stop of the measuring bolt**, adjustable from... to ex-factory	mm	µm	µm	µm***		Technical data sheets
	mm	mm	mm				
GT 27	-2,2 0,1 -1,2	10,3	0,05	0,05	0,2 + 3 · L ³	03200251	
GT 271	-2,2 0,1 -1,2	10,3	0,05	0,05	0,2 + 3 · L ³	03200436	
GT 28	-2,2 0,1 -1,2	10,3	0,05	0,05	0,2 + 3 · L ³	03200252	

** Distance from electrical zero. *** Linearity related max. perm. errors (L in mm).

