



DIN 32876 Part 1

See in tables

Any position of use

8 mm dia. fixing shank. Ball-bearing

measuring bolt. Both lower and upper stops are fixed.

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

Cable length: 2 m. 5-pin DIN 45322 connector.

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

Viton bellows in high-resistance elastomer

Moved mass 8 g

13 kHz (± 5%) drive frequency. Highest mechanical frequency 60 Hz.

0,09 µm/°C

20 ± 0,5°C

-10°C to 65°C

80%

IP65 (IEC 60529) or IP50 for GT 612-A plus GT 622-A

Shipping packaging

Identification number

Inspection report with a declaration of conformity

TESA Probes with Extended Measuring Range and Bolt Activation by Pneumatic Pressure

Standard Probes

Probes intended for use with measuring devices providing full or half-assisted inspection routines.

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

GT 612 probes with axial cable exit

No		=	Measuring range (mm)	N*	Measuring bolt activation	Sealing bellow
<i>Standard probes</i>						
03230062	GT 612	± 5	2,0	▼ ▲	Viton	
03230070	GT 612-A	± 5	1,0	▼ ▲	none	

GT 622 probes with radial cable exit

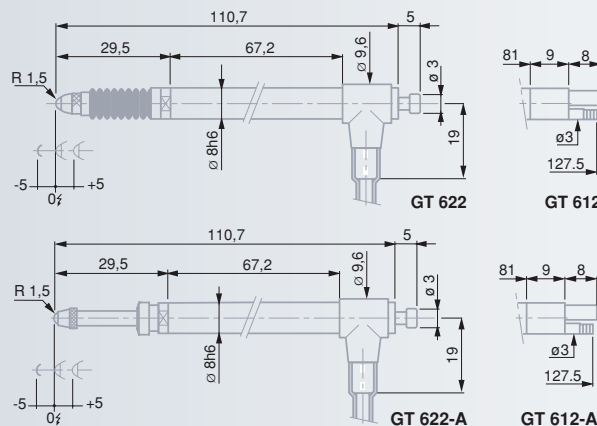
No		=	Measuring range (mm)	N*	Measuring bolt activation	Sealing bellow
<i>Standard probes</i>						
03230055	GT 622	± 5	2,0	▼ ▲	Viton	
03230071	GT 622-A	± 5	1,0	▼ ▲	none	

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

▼ Downward movement of the measuring bolt activated by pneumatic pressure.
▲ Upward movement of the measuring bolt activated under the spring force only.



GT 622



GT 612-A

	Air pressure (bar)		mm	µm	µm	µm**	Technical data sheets
	nominal	maximum					
GT 612	1,1	1,5	10,3	0,05	0,05	1 + 4 · L	03200415
GT 612-A	1,0	6,0	10,3	0,05	0,05	1 + 4 · L	03200433
GT 622	1,1	1,5	10,3	0,05	0,05	1 + 4 · L	03200394
GT 622-A	1,0	6,0	10,3	0,05	0,05	1 + 4 · L	03200434

** Linearity related max. permissible errors (L in mm).

