

Electronic length measuring probe with half bridge

with release spring and pneumatic infeed



Application:

For a wide variety of standard applications in multi-point measuring systems. Reliable and therefore ideally suited to automation applications. For recording measured values, the length measuring probes should be extended using compressed air. The probes are retracted by a release spring as soon as compressed air is no longer applied.



Execution:

- Straight compressed air connection at the rear
- precise, ball-guided measuring pin
- Clamping shank diameter 8 mm, can be clamped along entire length
- Tungsten carbide gauge slide M2.5 with ball diameter 3 mm
- 5-pin plug in line with DIN 45322, cable length 2 m
- Lifting of measuring pins using a release spring, pneumatic infeed. This makes the system particularly reliable.

Advantage:

- insensitive to lateral forces and temperature fluctuations
- excellent electromagnetic shielding
- Version without bellows, lower measuring forces possible

Delivery:

Measuring probe, test report with declaration of conformity

Art. no.	39655 374
Brand	TESA
Manufacturer Part Number	03230070
Model	GT 612A
Compatibility length measurement scanner	TESA
Max. spindle travel	10.3 mm
Measuring range of electronic length measuring technology	+/- 5 mm
Spindle lift	Automatic due to spring return
Measuring pin adjustment	Compressed air
Cable output direction	Axial
Measuring span of electronic length measuring technology	10 mm
Measurement force	1 N
Repetition standard deviation acc. to DIN 1319	0.05 µm
Min./max. operating pressure	1.0-6 bar
Max. linearity error (L in mm, measured from electric zero point)	1 µm + (4 x L) µm
Installation length	81 mm
Cable length	2 m
Correction factor to GT 21/22	2.5
Supply up to electronic zero point	5 mm
Gross Weight	0.140 kg
Product Group	362

EAN

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