

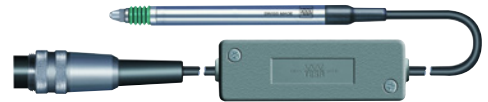
Electronic length measuring probe with half bridge in DC version

DC analogue output



Application:

Suitable for applications in multipoint measuring technology. For direction connection to an SPC measuring computer, interface with an analogue input or to a computer with an analogue card.



Execution:

- Precise, ball-guided measuring pin
- Clamping shaft diameter 8 mm, can be clamped along entire length
- Cemented carbide gauge slide M2.5 with 3 mm ball diameter
- 5-pin connector in line with DIN 45322, 2.9 m cable
- Supply voltage ± 10 to ± 15 V DC

Delivery:

Measuring probe, test report with conformity declaration

Art. no.	39828 421
Brand	TESA
Manufacturer Part Number	03230059
Model	GTL 21 DC
Max. spindle travel	4.3 mm
Measuring span of electronic length measuring technology	4 mm
Output voltage (+/-)	2 V/DC
Sensitivity	1 V/mm
Spindle lift	Manual
Measuring pin adjustment	Spring force
Cable output direction	Axial
Material of bellow	Viton
Max. linearity error (L in mm, measured from electric zero point)	$0.2 \mu\text{m} + (3.5 \times L^2) \mu\text{m}$
Measurement force	0.63 N
Installation length	61.5 mm
Cable length	2 m
Ball diameter	3 mm
Measuring range of electronic length measuring technology	± 2 mm
Shank diameter	8 mm
Plug connector	Open
Current consumption	15 mA
Front end position of spindle	-2.2 mm
Repetition standard deviation acc. to DIN 1319	0.1 μm
Gross Weight	0.150 kg
Product Group	362

EAN

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