

**N** DIN 32876 Part 1

See standard probes technical data

**A** Cable length: 2 m. DIN 45322 plug connector, 5 poles. Use to connect to a device with an analogue input. For more information, refer to technical data for standard probes

Supply voltage:  $\pm 15V$   
Consumption: 15 mA  
Adjustable load:  $> 1\text{ k}\Omega$ . Can be used in any position.  
Special versions on request: Sensitivity: 2 V/mm, 5 V/mm, 10 V/mm output: 0V to +10V (max +10V)

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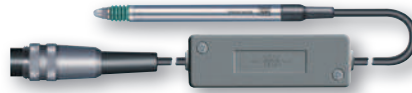
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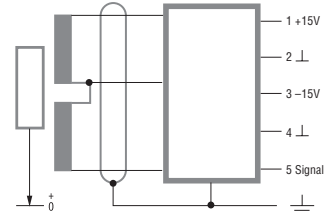
## DC Probes $\pm 2\text{ mm}$ (Output Signal in V)

Probe provided with an electronic box which converts the signal to obtain an output DC voltage

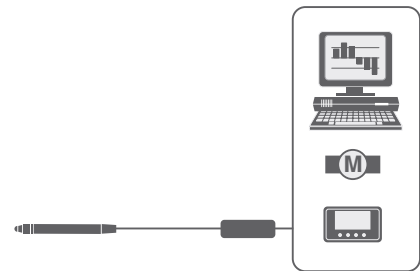
Typically used for direct connection to a computer unit or interface equipped with an analogue input



GTL 21 DC



DIN 5 pin connection schematic



Connection of DC probe to a computer, an interface or a tracker

			Measuring range, mm	Nominal measuring force*, N	Bolt retraction	Sealing bellows	Output voltage, V	Sensitivity, V/mm
03230059	GTL 21 DC		$\pm 2$	0,63	Mechanical	Viton	$\pm 2$	1
03230058	GTL 22 DC		$\pm 2$	0,63	Mechanical / vacuum	Viton	$\pm 2$	1

		Measuring bolt travel, mm	Max. permissible error for deviations in linearity, $\mu\text{m}$ (L in mm)	Repeatability, $\mu\text{m}$	Data sheet No.
GTL 21 DC		4,3	$0,2 + 3,5 \cdot L^2$	0,1	03200396
GTL 22 DC		4,3	$0,2 + 3,5 \cdot L^2$	0,1	03200397

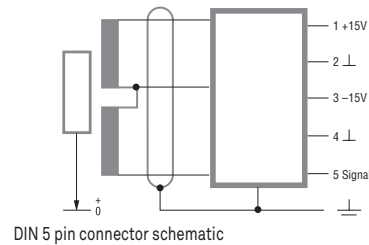
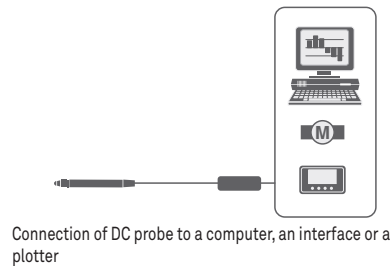
\* Electrical zero (N)  $\pm 25\%$  deviation limit. Valid in vertical mounting position, measuring bolt lowered and in static measuring.



## DC Probes ± 5 mm (Output Signal in V), with Extended Measuring Range

Probe provided with an electronic box which converts the signal to obtain an output DC voltage

Typically used for direct connection to a computer unit or an interface equipped with an analogue input



- DIN 32876 Part 1
- See standard probes technical data
- Cable length: 2 m. DIN 45322 plug connector, 5 poles. Use to connect to a device with an analogue input. For more information, refer to technical data on standard probes
- Supply voltage: ± 15 V  
Consumption: 15 mA  
Adjustment load: > 1 kΩ  
Can be used in any position. Special versions on request. Sensitivity: 2 V/mm, 5 V/mm, 10 V/mm  
Output: 0 V to +10 V (max +10 V).
- See standard probes technical data
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		Measuring range, mm	Nominal measuring force*, N	Bolt retraction	Sealing bellows	Output voltage, V	Sensitivity, V/mm
03230086	GT 61 DC	± 5	0,9	Mechanical	Viton	± 5	1
03230087	GT 62 DC	± 5	0,9	Mechanical / vacuum	Viton	± 5	1

	Measuring bolt travel, mm	Max. permissible error for deviations in linearity, μm (L in mm)	Repeatability, μm	Data sheet No.
GT 61 DC	10,3	1 + 4 · L	0,1	03200519
GT 62 DC	10,3	1 + 4 · L	0,1	03200520

\* Electrical zero (N) ± 25 % deviation limit. Valid in vertical mounting position, measuring bolt lowered and in static measuring.

