Standard linearised GTL22 probes, 2 mm, 4,3 mm bolt travel, radial cable

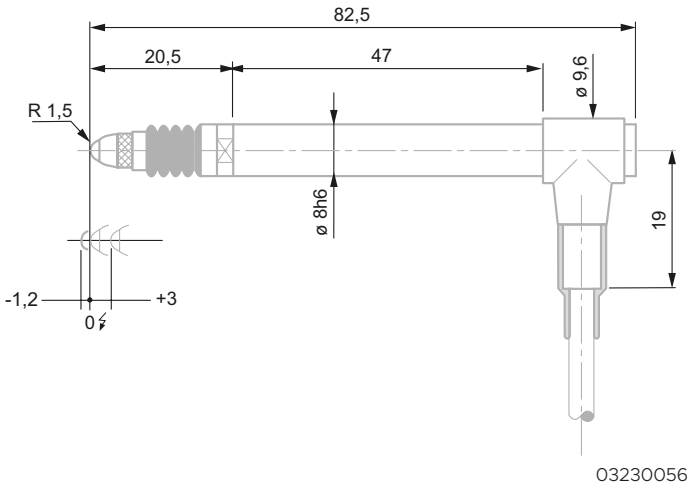


03230056

Standard	DIN 32876
Measuring range	± 2 mm
Bolt travel	4,3 mm
Repeatability	0,01 µm
Hysteresis	0,02 µm
Max. perm. errors	L in mm 0,2 + 2,4 x (L x L) µm 0,2 + 0,8 x L µm (with TESA interface)
Degree of protection	IP65
Weight	Mobile weight: 6 g
Working temperature	20 °C ± 0,5
Resting position	Factory setting: -1,2 mm Adjustable: -2,2 ÷ 0,1 mm
Coefficient of linear expansion	0,2 µm/°C
Material	Fixing shank: nickel plated Measuring bolt: stainless steel Protection bellow: Viton® Ball insert: tungsten carbide
Dimensions	Fixing shank: Ø 8 mm Insert thread: M2,5 Ball insert: Ø 3 mm Cable: 2 m Connector: 5p DIN45322
Remark(s)	CAD files available on request Downloadable data sheets on www.TESAtechnology.com
Included in delivery	Probe Wrench Measurement report User manual Declaration of conformity

Free position: corresponds to the distance from the electrical zero
Measuring force: at electrical zero, limit deviation ± 25%, valid in vertical position, static measurement, bolt pointing downwards

Standard axial probes



Article number	Designation	Measuring force, N	Bolt retraction	Degree of protection	Cable orientation	Cable length m
03230056	GTL22 probe	0,63	Mechanical, vacuum	IP65	Radial	2
03290139	10x GTL22 probe	0,63	Mechanical, vacuum	IP65	Radial	2
03230076	GTL22 probe	1	Mechanical, vacuum	IP65	Radial	2
03290176	10x GTL22 probe	1	Mechanical, vacuum	IP65	Radial	2

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