Miniature GT44 probe, ± 1 mm, 2,1 mm bolt travel, radial cable

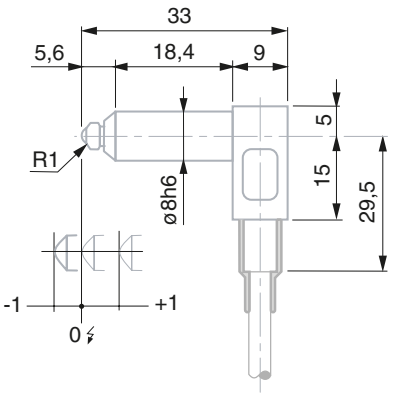


03230017

Standard	DIN 32876
Measuring range	± 1 mm
Bolt travel	2,1 mm
Repeatability	0,1 µm
Hysteresis	0,15 µm
Max. perm. errors	L in mm 0,2 + 5 x (L x L) µm
Degree of protection	IP65
Weight	Mobile weight: 2 g
Working temperature	20 °C ± 0,5
Resting position	Factory setting: -1,0 mm Not adjustable: lower: -1,05 mm, upper +1,05 mm
Coefficient of linear expansion	0,1 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 Insert with ball tip: Ø 2 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



03230017

Article number	Designation	Measuring force, N	Bolt retraction	Degree of protection	Cable orientation	Cable length m
03230017	GT44 probe	0,4	Vacuum	IP65	Radial	2
03290136	10X GT44 probe	0,4	Vacuum	IP65	Radial	2

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