Pneumatic linearised GTL222 probes, ± 1,5 mm, 3,2 mm bolt travel, radial cable



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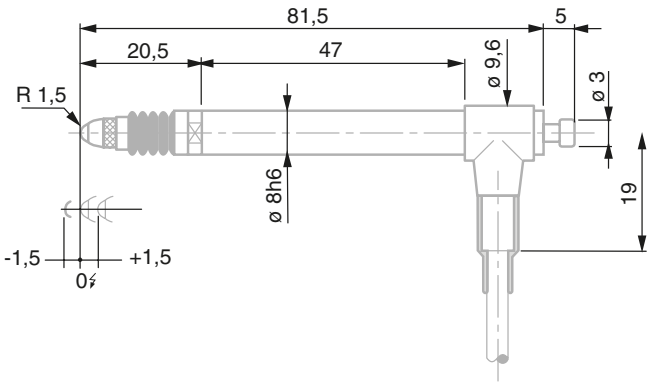


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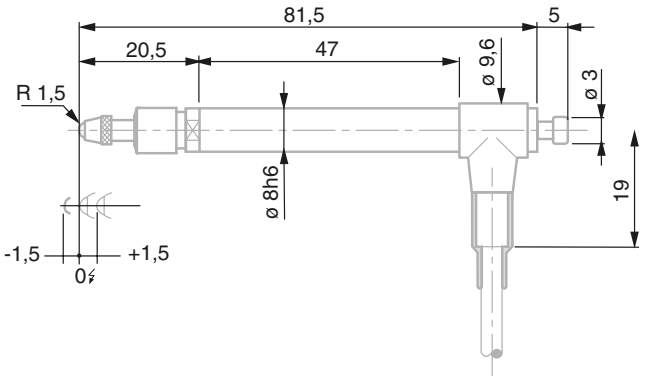
Standard	DIN 32876
Measuring range	± 1,5 mm
Bolt travel	3,2 mm
Repeatability	0,015 µm
Hysteresis	0,02 µm
Max. perm. errors	L in mm 0,2 + 2,4 x (L x L) µm 0,2 + 0,8 x L µm (with TESA interface)
Degree of protection	IP65 or IP50
Weight	Mobile weight: 6 g
Working temperature	20 °C ± 0,5
Coefficient of linear 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 Hose clamp Wrench Measurement report User manual Declaration of conformity

Measuring force: at electrical zero, limit deviation ± 25%, valid in vertical position, static measurement, bolt pointing downwards

Standard axial probes



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Article number	Designation	Measuring force, N	Bolt retraction	Nominal pressure, bar	Max. pressure, bar	Degree of protection	Cable orientation	Cable length, m
03230054	GTL222 probe	1,2	Activation: pressure, retraction: spring	0,7	1	IP65	Radial	2
03290140	10x GTL222 probe	1,2	Activation: pressure, retraction: spring	0,7	1	IP65	Radial	2
03230063	GTL222-A probe	0,2	Activation: pressure, retraction: spring	0,25	6	IP50	Radial	2
03290171	10x GTL222-A probe	0,2	Activation: pressure, retraction: spring	0,25	6	IP50	Radial	2

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