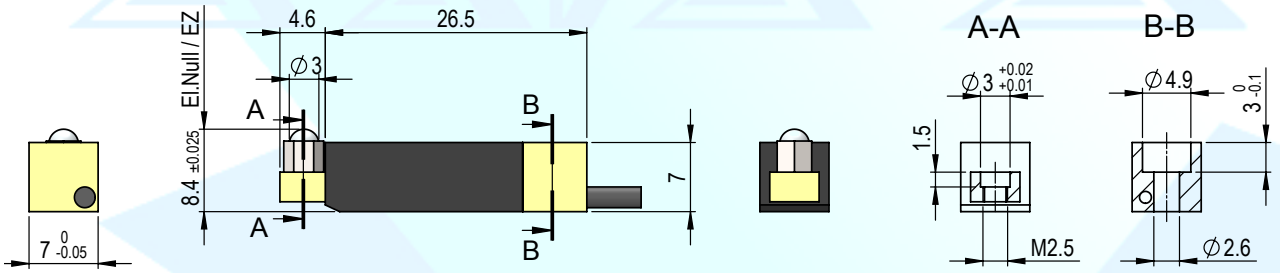
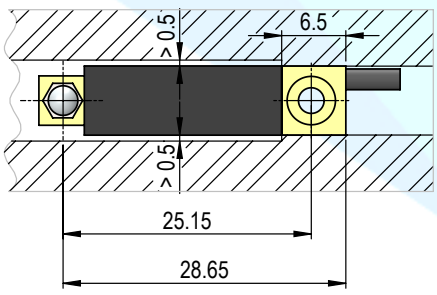
BRG200

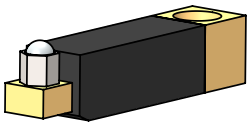
Bore Measuring Transducer with ± 0.2mm Measuring Stroke

Technical Data

	BRG200
Total stroke	0.6 mm
Measuring stroke (symmetrical)	±0.20 mm
Temperature Range	-10 to +65°C, storage and operation
Screw Mounting	M2.5
Mounting Position	any
Tip	3 mm tungsten carbide ball, M2.5 fixing thread, exchangeable
Sleeve and Sealing	FPM
Plug	5 pin, 240°
Cable	PUR shielded, Length 2m
Cable information	Outer -∅2.0, drag chain compatible
Spring rate	1.0 N
Spring rate information	At electrical zero, tolerance ±30%
Repeatability	0.05µm
Linearity error	1.0% FS ±200 µm range (at 20°C ± 1°C)
Sensitivity	73.75 mV/Vmm)
Amplifier input load	2kOhm Input resistance, ± 0.1%
Drive frequency	13.0 kHz ±5%
Supply voltage	3.0V ±0.5% RMS
Coil scheme	Halfbridge, TESA® compatable
Dimensions	7x7x32 mm







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