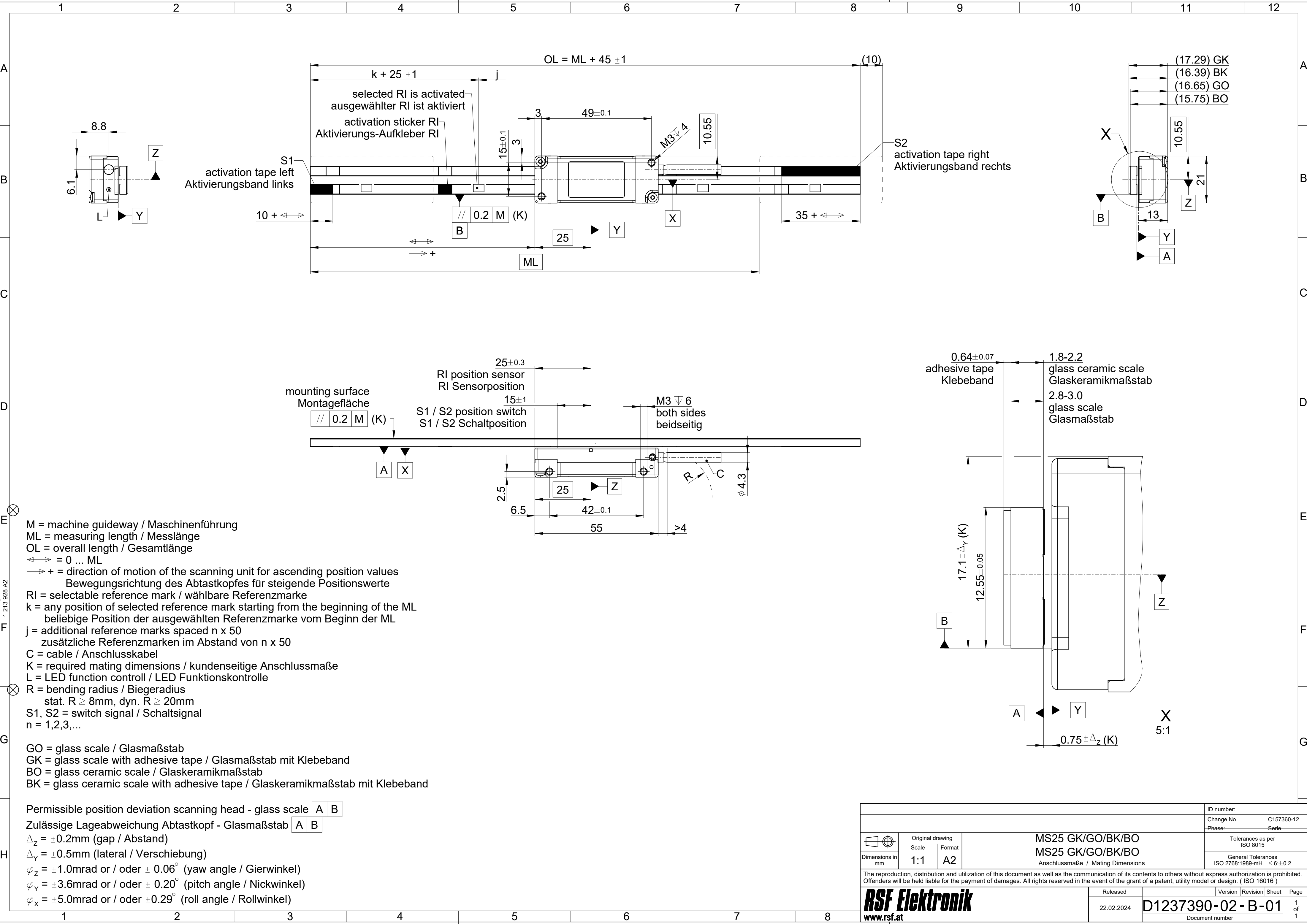
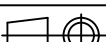




M = machine guideway / Maschinenführung
ML = measuring length / Messlänge
OL = overall length / Gesamtlänge
↔ = 0 ... ML
→ + = direction of motion of the scanning unit for ascending position values
Bewegungsrichtung des Abtastkopfes für steigende Positionswerte
RI = selectable reference mark / wählbare Referenzmarke
k = any position of selected reference mark starting from the beginning of the ML
beliebige Position der ausgewählten Referenzmarke vom Beginn der ML
j = additional reference marks spaced n x 50
zusätzliche Referenzmarken im Abstand von n x 50
C = cable / Anschlusskabel
K = required mating dimensions / kundenseitige Anschlussmaße
L = LED function controll / LED Funktionskontrolle
R = bending radius / Biegeradius
stat. R ≥ 8mm, dyn. R ≥ 20mm
S1, S2 = switch signal / Schaltsignal
n = 1,2,3,...

GO = glass scale / Glasmaßstab
GK = glass scale with adhesive tape / Glasmaßstab mit Klebeband
BO = glass ceramic scale / Glaskeramikmaßstab
BK = glass ceramic scale with adhesive tape / Glaskeramikmaßstab mit Klebeband

Permissible position deviation scanning head - glass scale A B
Zulässige Lageabweichung Abtastkopf - Glasmaßstab A B
 $\Delta_z = \pm 0.2\text{mm}$ (gap / Abstand)
 $\Delta_y = \pm 0.5\text{mm}$ (lateral / Verschiebung)
 $\varphi_z = \pm 1.0\text{mrad}$ or / oder $\pm 0.06^\circ$ (yaw angle / Gierwinkel)
 $\varphi_y = \pm 3.6\text{mrad}$ or / oder $\pm 0.20^\circ$ (pitch angle / Nickwinkel)
 $\varphi_x = \pm 5.0\text{mrad}$ or / oder $\pm 0.29^\circ$ (roll angle / Rollwinkel)

				ID number:								
				Change No. C157360-12								
				Phase: Serie								
	Original drawing		MS25 GK/GO/BK/BO MS25 GK/GO/BK/BO Anschlussmaße / Mating Dimensions									
	Scale	Format										
	Dimensions in mm	1:1	A2	Tolerances as per ISO 8015 General Tolerances ISO 2768:1989-mH ≤ 6:±0.2								
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