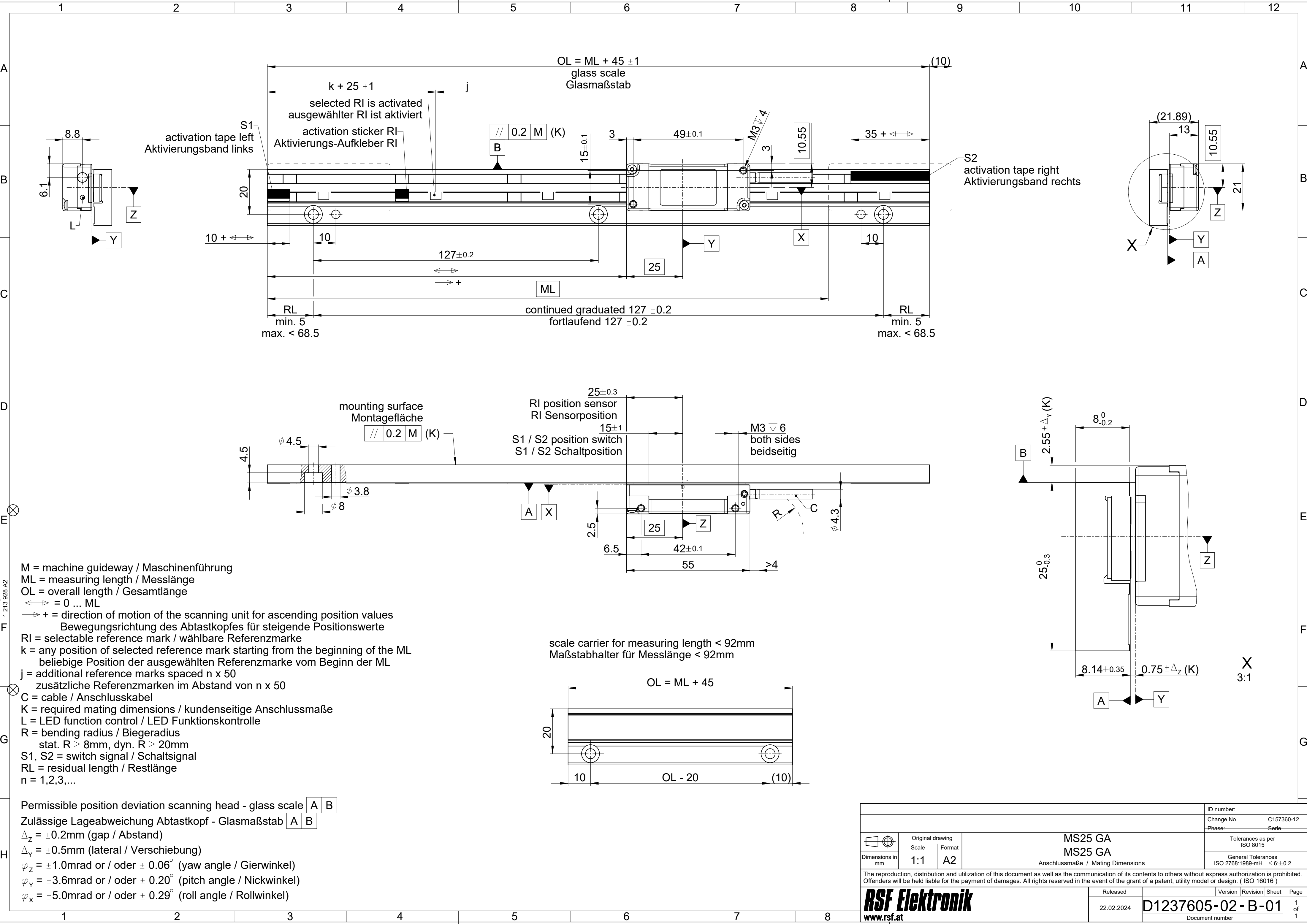




M = machine guideway / Maschinenführung
ML = measuring length / Messlänge
OL = overall length / Gesamtlänge
↔ = 0 ... ML
→ + = direction of motion of the scanning unit for ascending position values
Bewegungsrichtung des Abtastkopfes für steigende Positionswerte
RI = selectable reference mark / wählbare 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 control / LED Funktionskontrolle
R = bending radius / Biegeradius
stat. R ≥ 8mm, dyn. R ≥ 20mm
S1, S2 = switch signal / Schaltsignal
RL = residual length / Restlänge
n = 1,2,3,...

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 GA MS25 GA 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				
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. (ISO 16016)										
RSF Elektronik www.rsf.at				Released		Version	Revision	Sheet	Page	
				22.02.2024		D1237605-02 - B-01				1
										of
						Document number				1