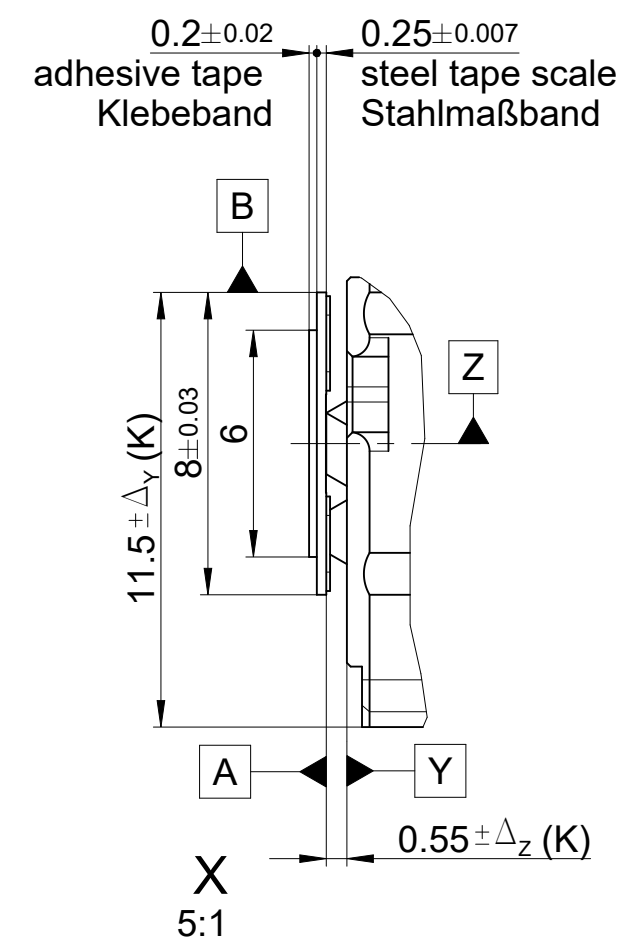
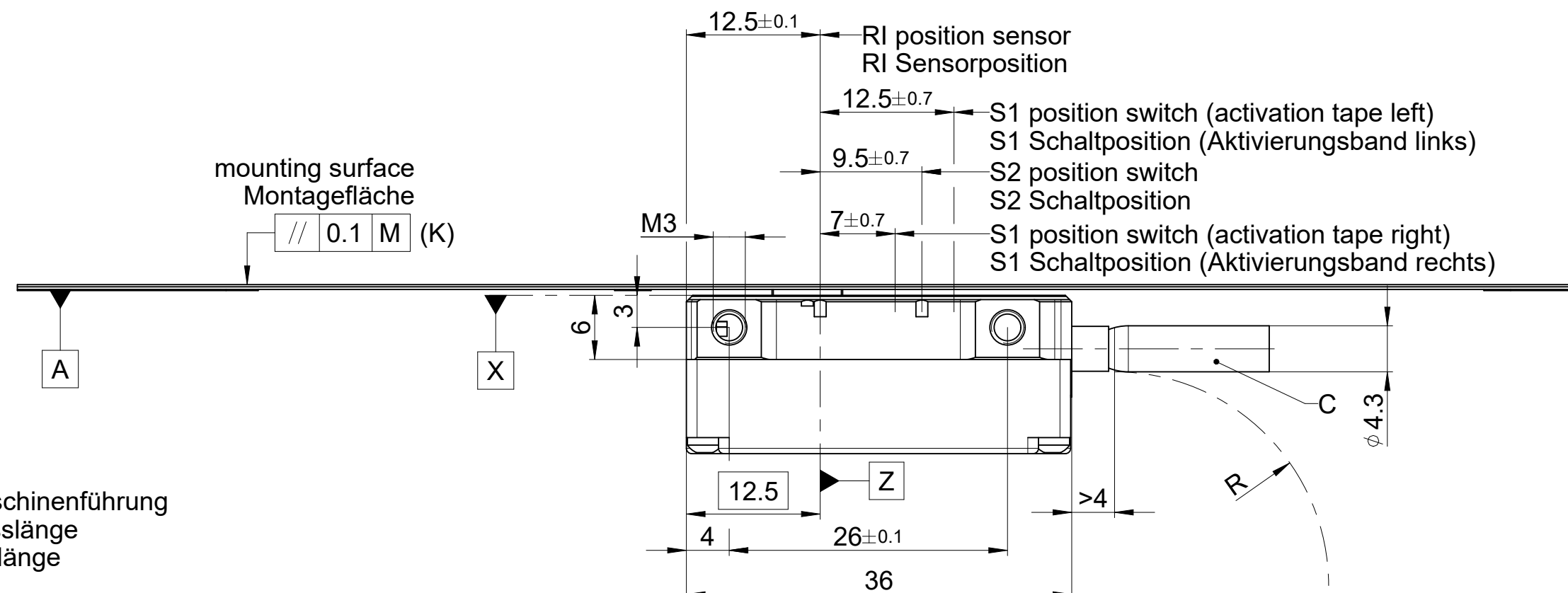
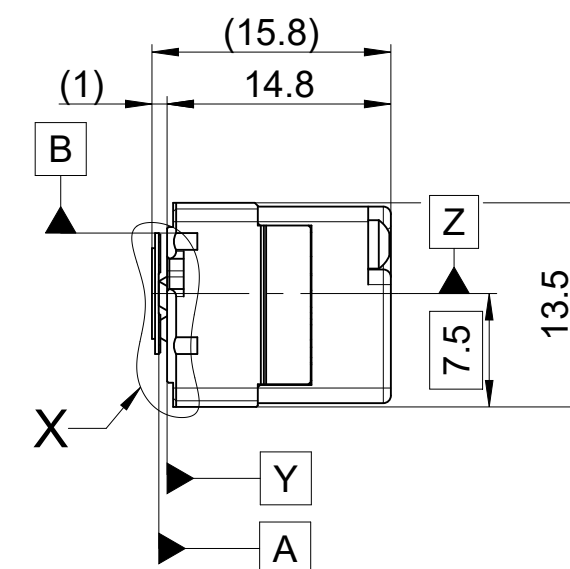
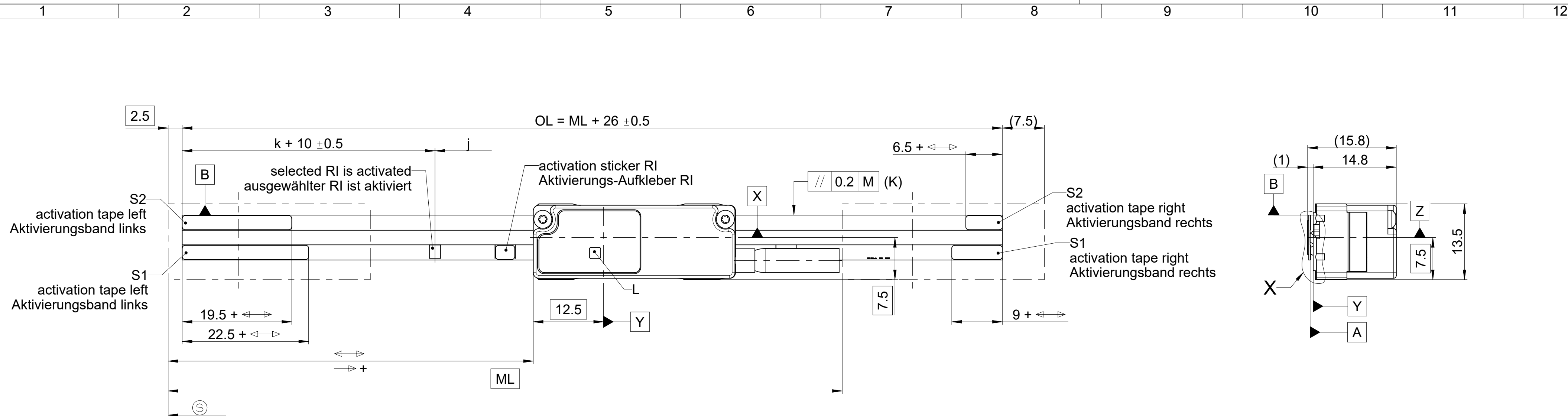




M = machine guideway / Maschinenführung
ML = measuring length / Messlänge
OL = overall length / Gesamtlänge
↔ = 0 ... ML
→ + = direction of motion of the scanning unit for ascending position values
 Bewegungsrichtung des Abtastkopfes für steigende Positionswerte
Ⓢ = beginning of the measuring length / Beginn der Messlänge
RI = selectable reference mark(s) / wählbare Referenzmarke(n)
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 space $n \times 50$
 zusätzliche Referenzmarken im Abstand von $n \times 50$
C = cable / Anschlusskabel
K = required mating dimensions / kundenseitige Anschlussmaße
L = LED function control / LED Funktionskontrolle
R = bending radius / Biegeradius
 stat. $R \geq 8\text{mm}$, dyn. $R \geq 20\text{mm}$
S1, S2 = switch signal / Schaltsignal
n = 1,2,3,...

Permissible position deviation scanning head - tape scale A B

Zulässige Lageabweichungen Abtastkopf - Maßband A B

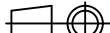
$\Delta_z = \pm 0.2\text{mm}$ (gap / Abstand)

$\Delta_y = \pm 0.5\text{mm}$ (lateral / Verschiebung)

$\varphi_z = \pm 1.00\text{mrad}$ or / oder $\pm 0.06^\circ$ (yaw angle / Gierwinkel)

$\varphi_y = \pm 3.50\text{mrad}$ or / oder $\pm 0.20^\circ$ (pitch angle / Nickwinkel)

$\varphi_x = \pm 4.00\text{mrad}$ or / oder $\pm 0.23^\circ$ (roll angle / Rollwinkel)

			ID number:		
			Change No. C157360-11		
			Phase: Series		
			MS15 MK MS15 MK Anschlussmaße / Mating Dimensions		
Original drawing Scale Format Dimensions in mm 2:1 A2			Tolerances as per ISO 8015 General Tolerances ISO 2768:1989-mH ≤ 6±0.2		
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			Document number		