



M = machine guideway / Maschinenführung
 ML = measuring length / Messlänge
 OL = overall length / Gesamtlänge
 $\longleftrightarrow = 0 \dots ML$
 \odot = beginning of the measuring length / Beginn der Messlänge
 RI = reference mark(s) / 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 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
 n = 1,2,3,...

MO = steel scale tape / Stahlmaßband
 MK = steel scale tape with adhesive tape / Stahlmaßband mit Klebeband

Permissible position deviation scanning head - scale tape **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)
 $\varphi_z = \pm 0.25\text{mrad}$ or / oder $\pm 0.014^\circ$ (yaw angle / Gierwinkel)
 $\varphi_y = \pm 5.00\text{mrad}$ or / oder $\pm 0.29^\circ$ (pitch angle / Nickwinkel)
 $\varphi_x = \pm 5.00\text{mrad}$ or / oder $\pm 0.29^\circ$ (roll angle / Rollwinkel)

Original drawing		Scale		Format		MS35 MK/MO		ID number:	
Dimensions in mm		1:1		A2		MS35 MK/MO		Change No. C157360-13	
						Anschlussmaße / Mating Dimensions		Phase: Serie	
								Tolerances as per ISO 8015	
								General Tolerances ISO 2768:1989-mH ≤ 6:±0.2	
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