



M = machine guideway / Maschinenführung
 ML = measuring length / Messlänge
 OL = overall length / Gesamtlänge
 $\longleftrightarrow = 0 \dots ML$
 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 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. $R \geq 8\text{mm}$, 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)

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