



M = machine guideway / Maschinenführung
 ML = measuring length / Messlänge
 OL = overall length / Gesamtlänge
 \longleftrightarrow = S...S+ML
 $\rightarrow +$ = direction of motion of the scanning unit for ascending position values
 = Bewegungsrichtung des Abtastkopfes für steigende Positionswerte
 (S) = code start value not defined (standard) / Codestartwert nicht definiert (Standard)
 code start value on customer request ≥ 16 mm (optional) / Codestartwert nach Kundenwunsch ≥ 16 mm (optional)
 C = cable / Anschlusskabel
 K = customer mounting dimensions / kundenseitige Anschlussmaße
 L = LED function display / LED Funktionsanzeige
 R = bending radius / Biegeradius: stat. $R \geq 8$ mm, dyn. $R \geq 40$ mm

Permissible position deviation scanning head - scale

A	B
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 Zulässige Lageabweichungen Abtastkopf - Maßstab

A	B
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 $\Delta Z = \pm 0.25$ mm (airgap / Abstand)
 $\Delta Y = \pm 1.0$ mm (lateral / Verschiebung)
 $\varphi Z = \pm 20$ rad or / oder 1.15° (yaw angle / Gierwinkel)
 $\varphi Y = \pm 20$ rad or / oder 1.15° (pitch angle / Nickwinkel)
 $\varphi X = \pm 20$ rad or / oder 1.15° (roll angle / Rollwinkel)

GO = glass scale / Glasmaßstab
 GK = glass scale with adhesive tape / Glasmaßstab mit Klebeband
 BO/NO = glass ceramic scale / Glaskeramikmaßstab
 BK/NK = glass ceramic scale with adhesive tape / Glaskeramikmaßstab mit Klebeband

Original drawing		MC15 GK/GO/BK/BO/NK/NO		ID number:	C157360-26
Scale		MC15 GK/GO/BK/BO/NK/NO		Change No.	Phase
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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