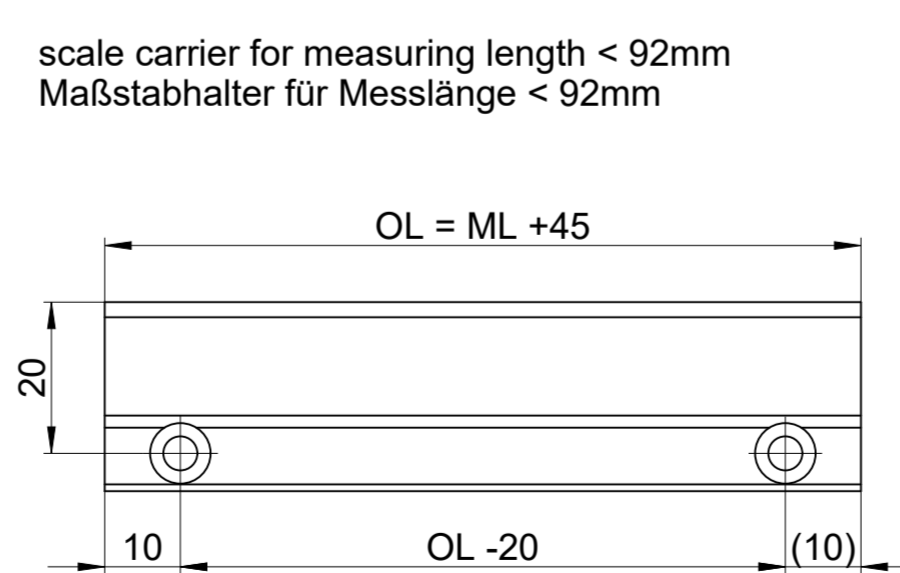


M = machine guideway / Maschinenführung  
 ML = measuring length / Messlänge  
 OL = overall length / Gesamtlänge  
 $\leftrightarrow$  = 0 ... ML  
 (S) = beginning of the measuring length / Beginn der Messlänge  
 RI = reference mark(s) / Referenzmarke(n)  
 k = any position of selected reference mark starting from the beginning of the ML  
 beliebige Position der ausgewählten Referenzmarke vom Beginn der ML  
 j = additional reference marks 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.  $R \geq 20\text{mm}$   
 RL = residual length / Restlänge  
 S1, S2 = switch signal / Schaltsignal  
 n = 1,2,3,...

MA = aluminium carrier / Aluminiumprofil  
 MS = steel carrier / Stahlprofil

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		MS35 MA/MS		ID number: -
Scale		MS35 MA/MS		Change No. C157360-13
Format		Anschlussmaße / Mating Dimensions		Phase: Serie
Dimensions in mm	1:1	A2	Tolerances as per ISO 8015	
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)				General Tolerances ISO 2768:1989-mH $\leq 6 \pm 0.2$
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