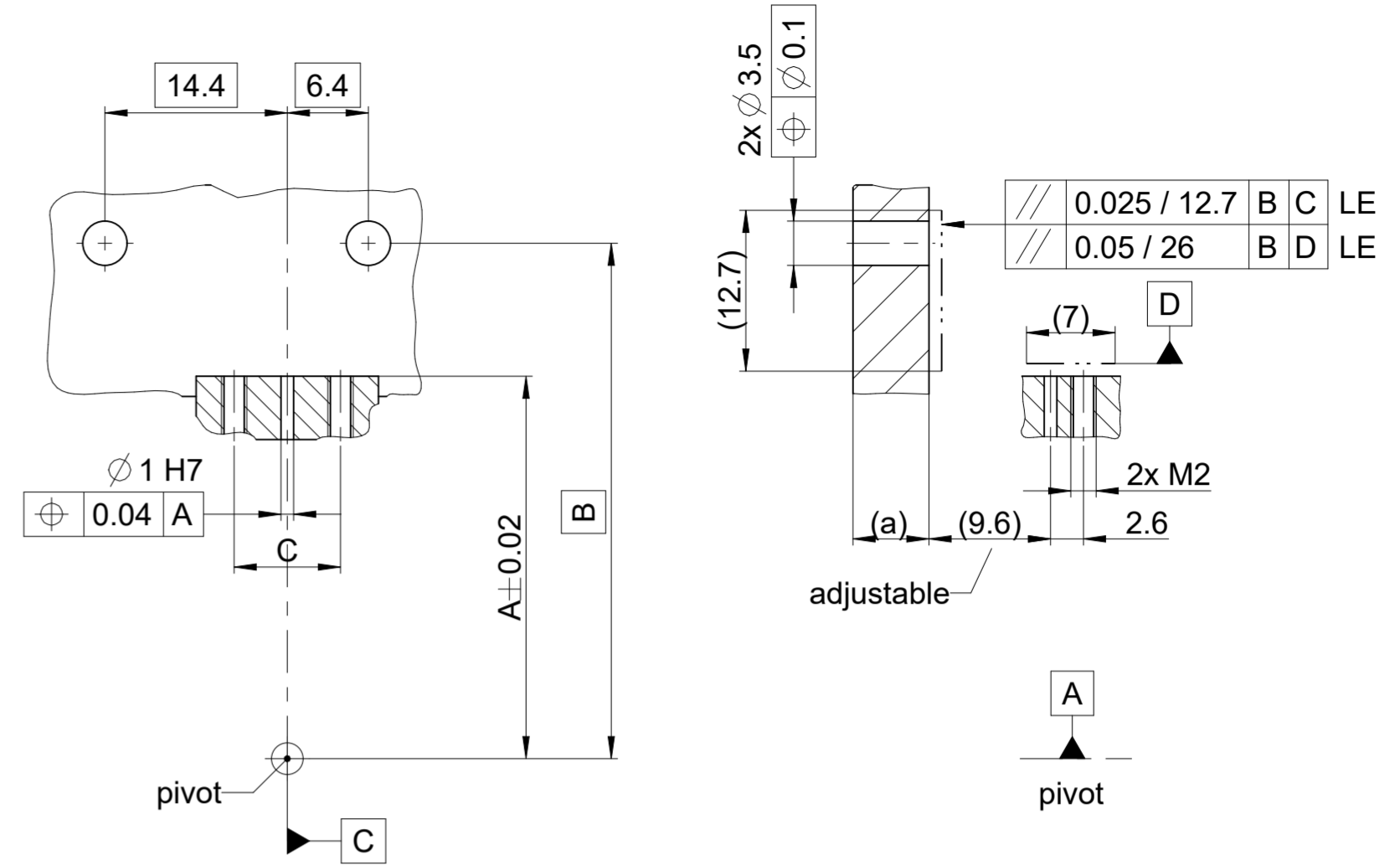


Required mating dimensions



signal periods / 360°	23000 SP			30000 SP			50000 SP			63000 SP		
	MR	MR*	A	MR	MR*	A	MR	MR*	A	MR	MR*	A
MR	10°	23°	36°	8°	16°	31°	5°	11°	21°	4°	8°	15°
MR*	6.6°			5.2°			3.2°			2.4°		
A	20.98			30.2			46.95			67.95		
B	31.48			40.7			57.45			78.45		
C	5	8.4	13	5	8.4	13	5	8.4	13	5	8.4	13
D	10	13.4	22.9	10	13.4	22.9	10	13.4	22.9	10	13.4	22.9

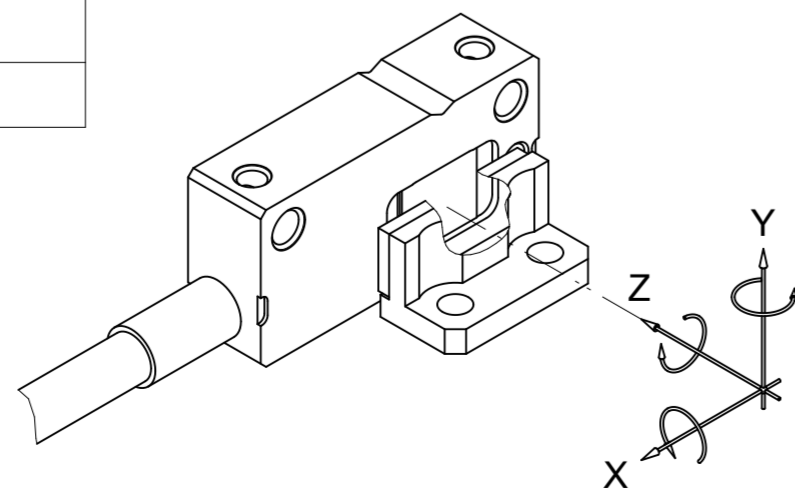
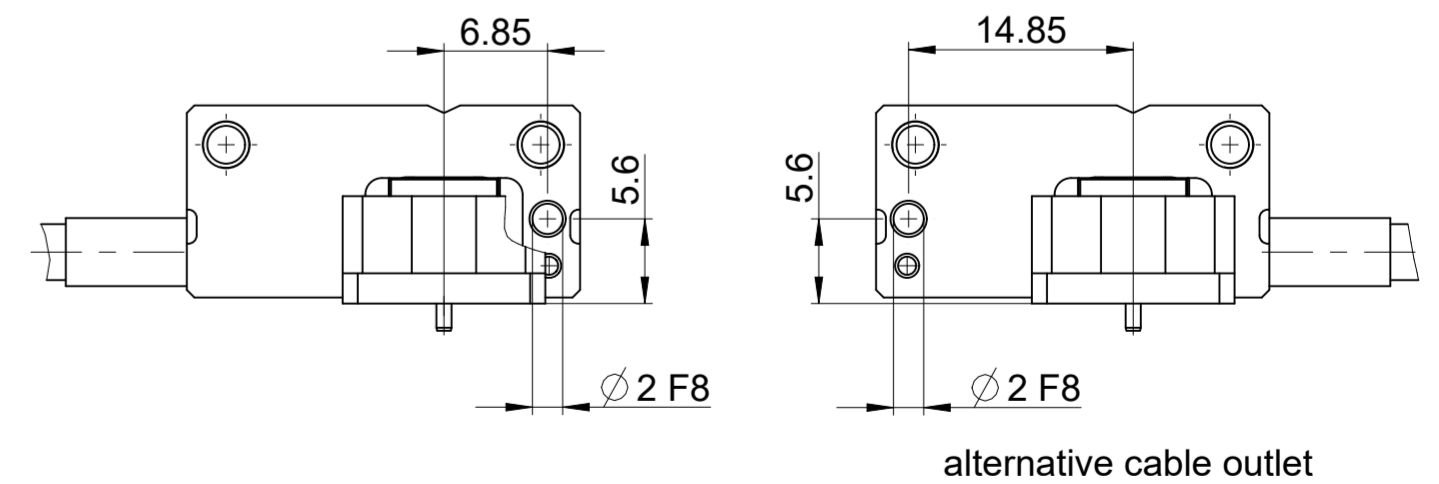
MR*: required range to start-up the system with "ATS - Adjusting and Testing Software"

Mounting tolerances; given tolerances in combination

signal periods	23000 SP	30000 SP	50000 SP	63000 SP
X	adjustable, see H2			
Y	adjustable, see H2			
Z	±0.1			
Rx	±2mrad			
Ry	±2mrad			
Rz	adjustable, see H2			

- A = pivot
- H1 = Positive direction of rotation
- H2 = Fine-adjustment of encoder-head to reach best incremental signal (within "play" of the mounting screws); given measures are nominal
- R = Position reference mark

For adjustment of encoder head - optional:
Use dowel pin Ø 2 to find start position, if necessary remove pin to reach best incremental signal



Original drawing		Scale		Format		ERP 10x2		ID number:	
2:1		A2		Anschlussmaße / Mating Dimensions		ERP10x2		C101796-05	
Dimensions in mm								Phase: Serie	
								Tolerierung nach DIN ISO 8015	
								Tolerances as per DIN ISO 8015	
								Allgemeintol. ISO 2768-mH ±6mm:±0,2	
								General tol. ISO 2768-mH ±6mm:±0,2	
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								Document number	