



HEIDENHAIN

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ROD 700

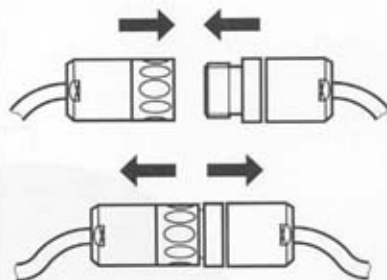
ROD 700 C



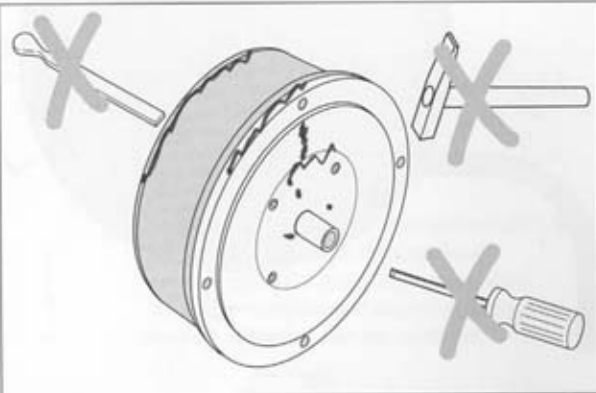
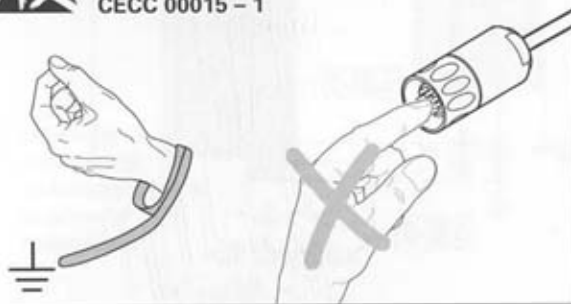
1.

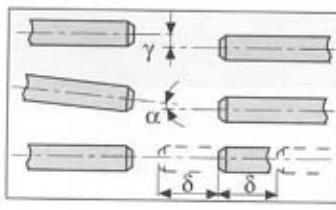


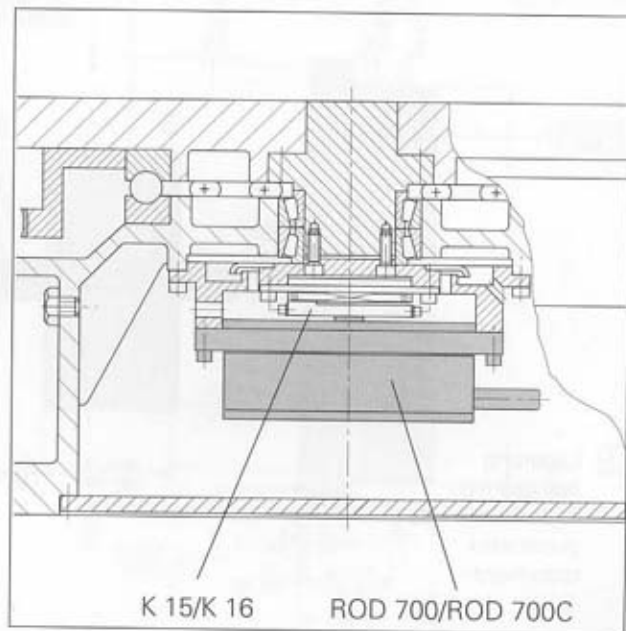
2.

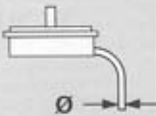
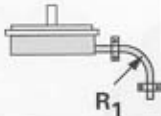
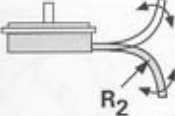


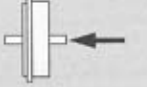
DIN EN 100 015 - 1
CECC 00015 - 1

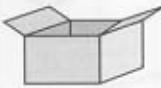


	K 01: $\gamma \leq 0.3 \text{ mm}$ (.012 in.) K 01: $\alpha \leq 0.5^\circ$ K 01: $\delta \leq 0.2 \text{ mm}$ (.008 in.)	K 15: $\gamma \leq 0.3 \text{ mm}$ (.012 in.) K 15: $\alpha \leq 0.2^\circ$ K 15: $\delta \leq 0.1 \text{ mm}$ (.004 in.)	K 16: $\gamma \leq 0.3 \text{ mm}$ (.012 in.) K 16: $\alpha \leq 0.5^\circ$ K 16: $\delta \leq 1 \text{ mm}$ (.04 in.)
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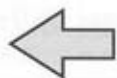


		
Ø 6 mm (.236 in.)	$R_1 \geq 20 \text{ mm}$ (.8 in.)	$R_2 \geq 75 \text{ mm}$ (3 in.)
Ø 8 mm (.315 in.)	$R_1 \geq 40 \text{ mm}$ (1.6 in.)	$R_2 \geq 100 \text{ mm}$ (4 in.)

	max. 30 N
	max. 30 N
	max. 30 N
	max. 15 N

	°C (°F)
	0° ... 50° C (32° ... 122° F)
	-30° ... 80° C (-22° ... 176° F)

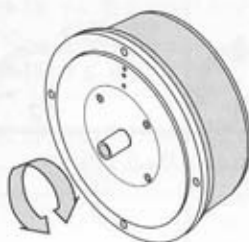
	IP 64 IEC 529 EN 60 529
	M_d ≤ 0.019 Nm (20°C) I = 366 · 10 ⁻⁶ kgm ²



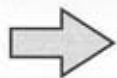
$U_P = +5\text{ V} \pm 5\%$
(max. 90 mA)



IEC 742
DIN VDE 0100



$$n \leq \begin{cases} \frac{90}{z} \cdot 10^3 \cdot 60 \text{ min}^{-1} (-3 \text{ dB}) \\ 1\,000 \text{ min}^{-1} \end{cases}$$

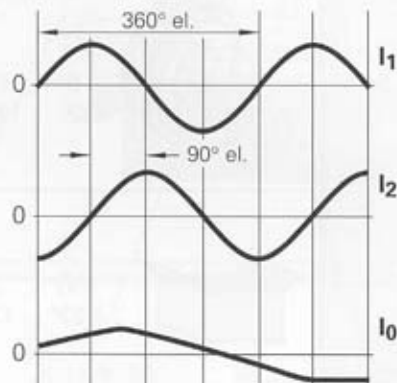


I_1, I_2, I_0

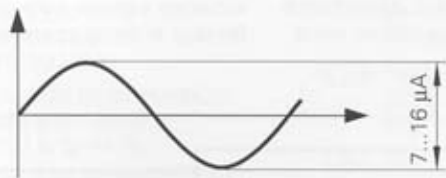
ROD 700 $1 \times I_0 / 360^\circ \text{ mech.}$

ROD 700C $36 \times I_0 / 360^\circ \text{ mech.}$
(9 000/18 000)

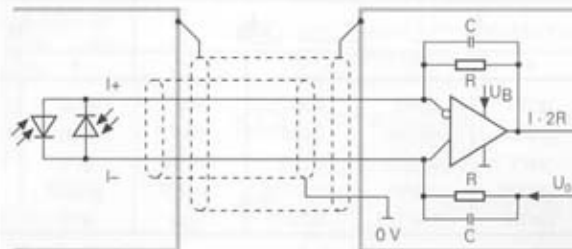
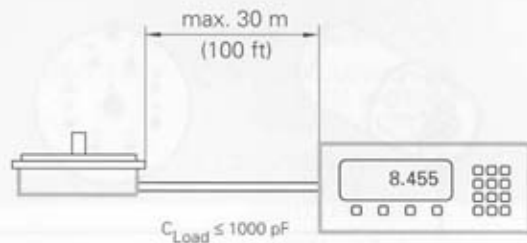
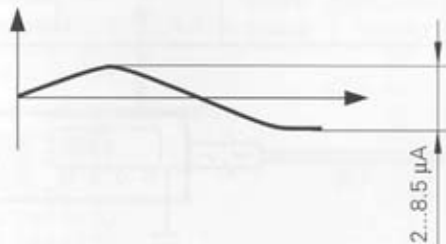
ROD 700C $72 \times I_0 / 360^\circ \text{ mech.}$
(36 000)



I_1, I_2



I_0



RC 4157

$C = 27 \text{ pF}$

$R = 100 \text{ k}\Omega \pm 2\%$

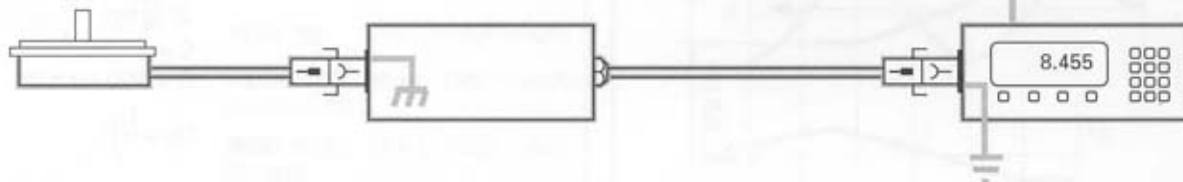
$$U_0 = \frac{U_B}{2}$$



1) Innenschirm Pin 9
internal shield pin 9
 blindage interne pin 9
schermo interno pin 9
 blindaje interno pin 9

Außenschirm Gehäuse
external shield on housing
 blindage externe sur boîtier
schermo esterno sulla carcassa
 blindaje externo a carcasa

1	2	5	6	7	8	3	4	1)	9
I_1		I_2		I_0		5 V	0 V	● Schirm shield blindage schermo blindaje	1) weiß/braun white/brown blanc/brun bianco/marrone blanco/marrón
+	-	+	-	+	-				
grün green vert verde verde	gelb yellow jaune giallo amarillo	blau blue bleu azzurro azul	rot red rouge rosso rojo	grau gray gris grigio gris	rosa pink rose rosa rosa	braun brown brun marrone marrón	weiß white blanc bianco blanco		



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