

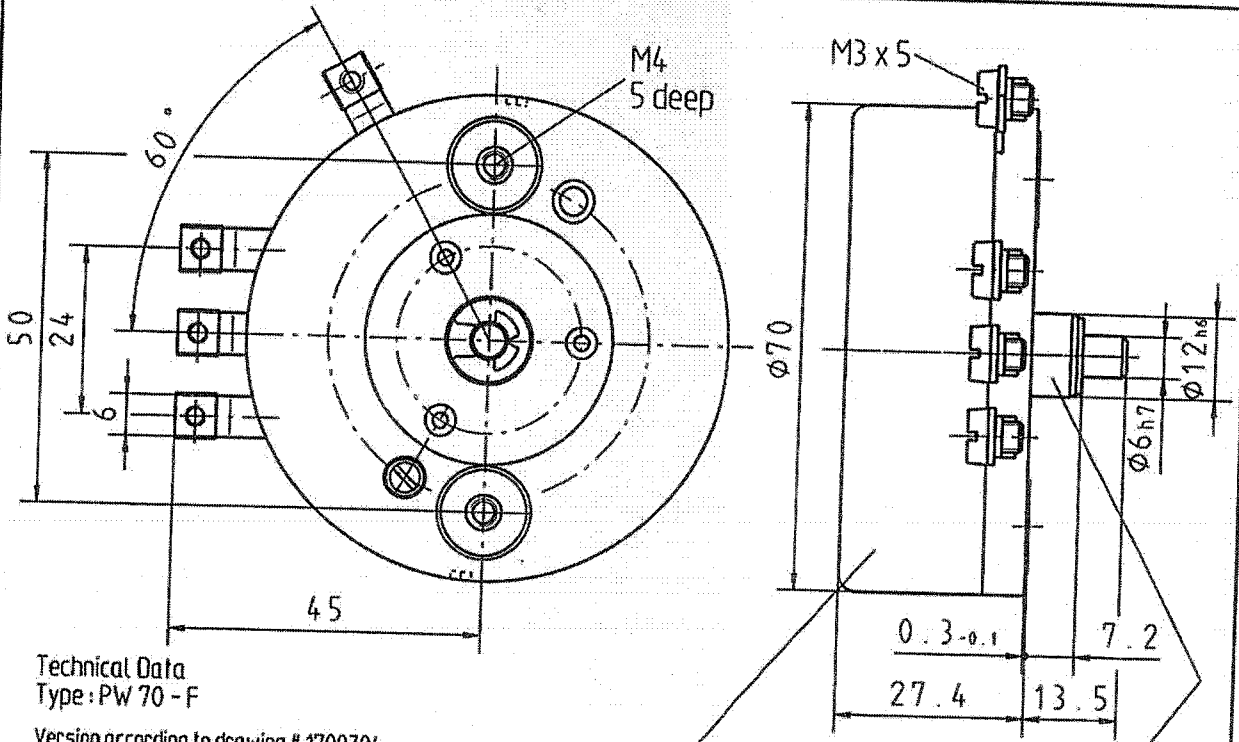
Precision Angular Position Transmitter

Type: PW 70 - F

FERNSTEUERGERÄTE
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20.11.2006
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Technical Data

Type: PW 70 - F

- Version according to drawing # 1700Z04
- With oil-filling, type: Shell Diala DX
- With 0.3% Jonot inhibited
- Oil is filled in bubble-free with clear cap
- Metallc uncoated parts, which are not used as a terminal pad, will be covered with Seevenax-EP-coating
- Axis ϕ 6mm; 13.5mm long
- Max. allowed axial clearance 0.06mm
- Material 4.305
- With sinter bearing
- Helical wiper
- Contact pressure of wiper 22-25p
- Screwing connection without couler clamp with original Schnorr locking plate S3 chromium-nickel steel for screw M3
- Sense of rotation right with look on the shaft
- Mechanical service life expectation 100 mill wiper movements
- Temperature range -20° to $+70^{\circ}$ C
- Oil-resistance approx. 8 years

cap seating through O-Ring
O-Ring 63.22 x 1.78 NB 111-80 Fa.IDG

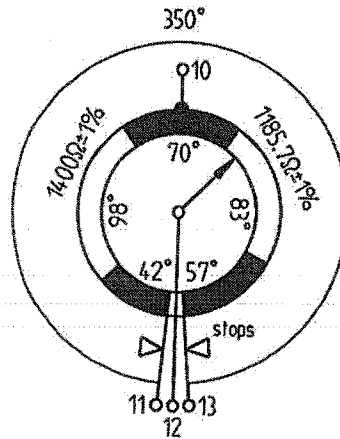
indicator plug seating through O-Ring
O-Ring 3.5 x 1.2 NB 111-70 Fa.IDG

sealing through:
O-Ring 5.5 x 1.5 NB 111 - 80 Fa.IDG

greased while mounting with gearing grease H between shaft and O-Ring

Winding Data

- Winding angle 350°
- With stops
- At the beginning 42° short-circuited
- At the end 57° short-circuited
- With 70° long middle short-circuit range
- With middle tapping
- Resistance value: 1 x $1400\Omega \pm 1\%$ / 98°
1 x $1185.7\Omega \pm 1\%$ / 83°



Stocking Information

- Packing in single carton opaque
- Stocking temperature: -20° to $+70^{\circ}$ C

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FERNSTEUERGERÄTE Kurt Oelsch GmbH

2006	Datum	Name	Maßstab	1:1	1700Z127
gez.	20.11.	BULLUT			
gepr.	20.11.2006	STA			
Ursprung	20.06.06	Dier/West			