

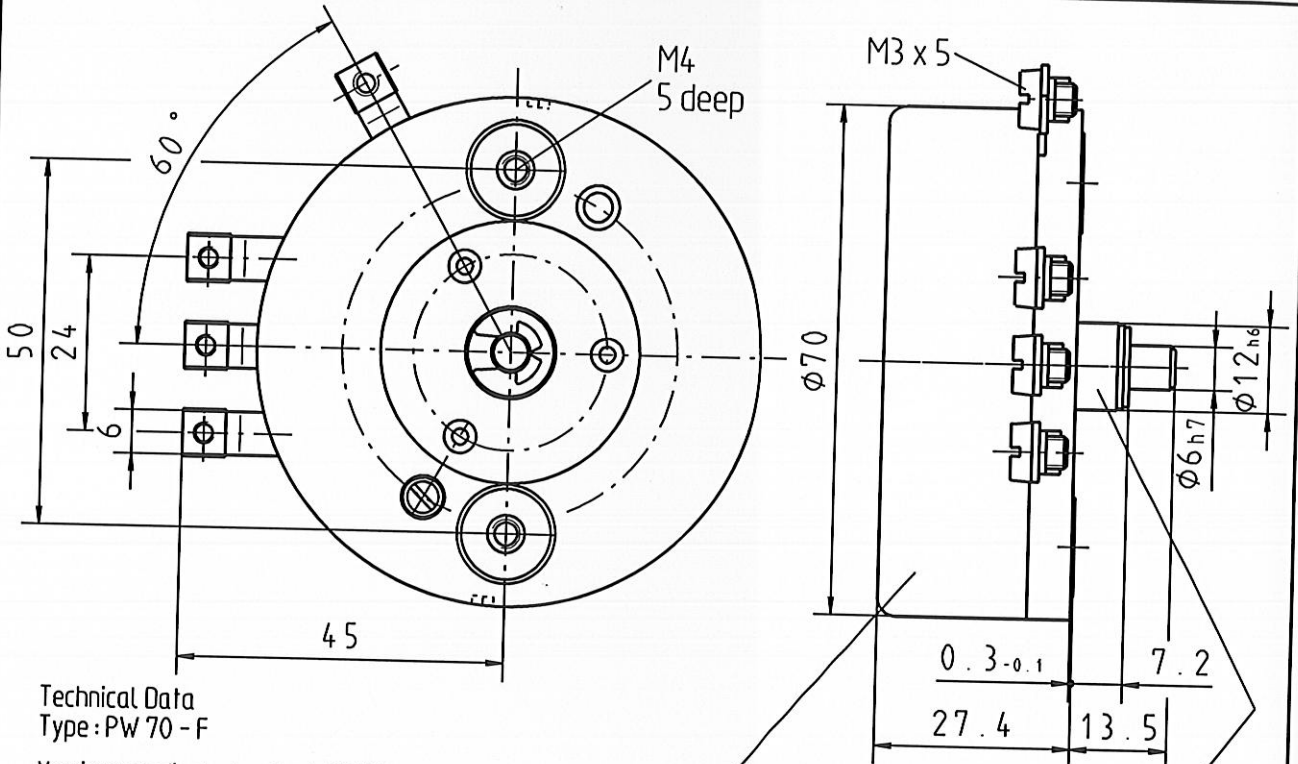
Precision Angular Position Transmitter

Type: PW 70 - F

FERNSTEUERGERÄTE
 Kurt Oelsch GmbH
 Jahnstr. 68 + 70
 12347 Berlin (Britz)



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 20.11.2006
 21.06.2006
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Technical Data

Type: PW 70 - F

Version according to drawing # 1700Z04
 With oil-filling, type: Shell Diata DX
 With 0.3% Jonol inhibited
 Oil is filled in bubble-free
 with clear cap
 Metallic uncoated parts, which are not used as a
 terminal pad, will be covered with Seevenax-EP-coating
 Axis \varnothing 6mm; 13.5mm long
 Max. allowed axial clearance 0.06mm
 Material 4305
 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

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

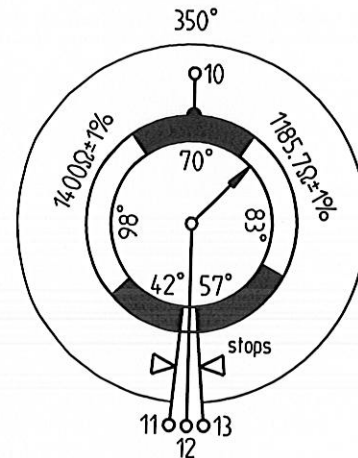
greased while mounting with gearing
 grease H between shaft and O-Ring

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: $1 \times 1400\Omega \pm 1\% / 98^{\circ}$
 $1 \times 1185.7\Omega \pm 1\% / 83^{\circ}$

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	
gez.	20.11.	BULLUT	1:1	
gepr.	20.11.2006	STA		
Ursprung	20.06.06	Dier/West		

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