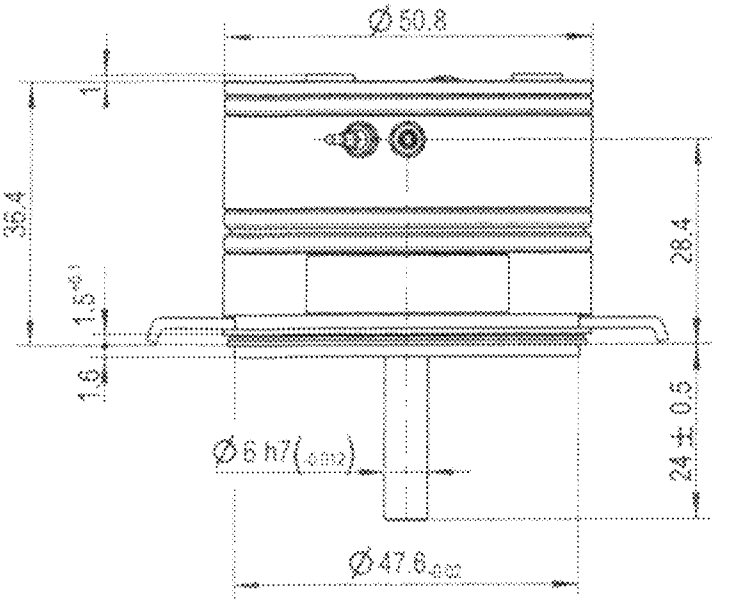
Precision Angular Position Transmitter

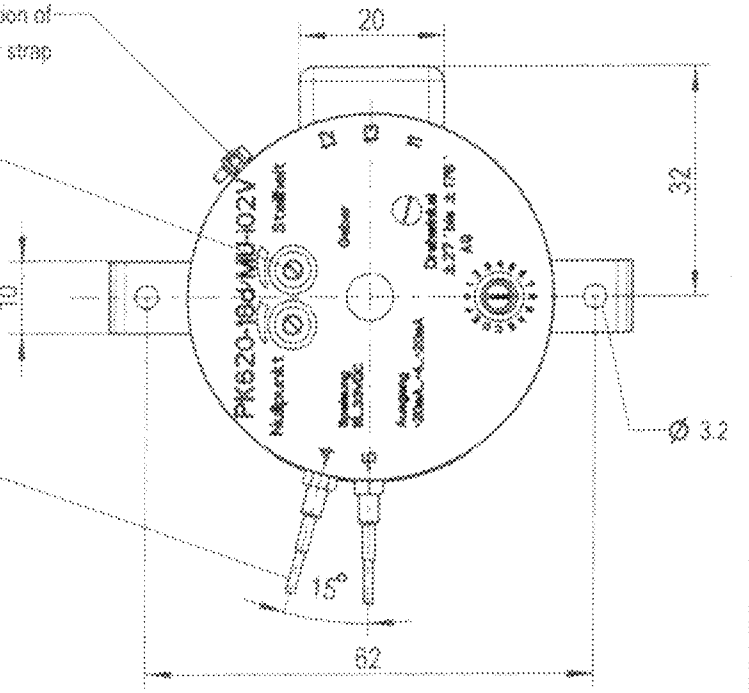
PK 620 - 18d / MU - I02V

in servo flange casing 20
wiper rotatable without limit stops
output +20 mA...4 mA...+20 mA
V-characteristic curve
burden max 600 Ω
supply 20-30VDC
2-wire system
torque ≤ 10 cmp and ≤ 0,1 Ncm

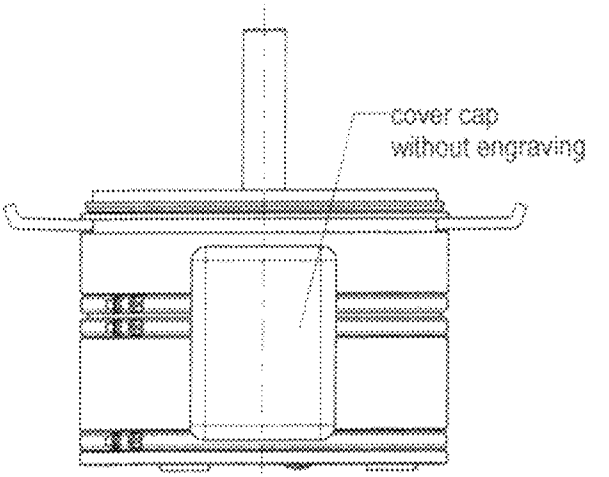


keep care to position of fastener strap

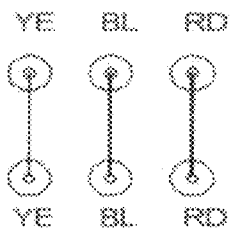
zero point and steppness is adjustable with enclosed screwdriver (3252Z85-00:0201)



Temperature resistant flex
with 37 base strand.
Serial # 44A 9083-20-X BK,BN
length 150 mm +5%



marking of sense of rotation



Art.-Nr.: 1574705-036 001	Name:	Customer: Firma Deutsch Peters	Datum: 21.06.16
			geändert:
			gezeich:

1574705-036M001F | Blatt 1/2 | M 1:1

Operating instructions for rotary transducer
PW ; PK ; FW 620 - MU / i - 02

1. Fixing and centering according to ill.1.

1.1. Bring the drive mechanism in starting position and connect the angle signal converter.

2. For possibilities of wiring and measuring ranges, look at ill. 2.

3. Adjust the angle signal converter mechanically and fix it at 0 mA resp. 4 mA (ill.2).

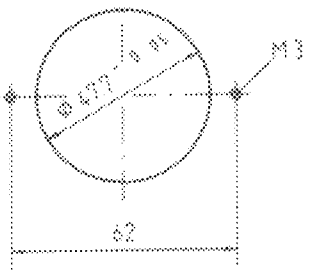
4. Take end position of drive mechanism. Effect fixing of the range via a switch (ill.4) according to the angle of rotation and the model.

5. Adjust the slope trimmer (ill.4) at 20 mA.

6. Check the starting position if necessary, check the zero trimmer at 0 mA resp. 4 mA.

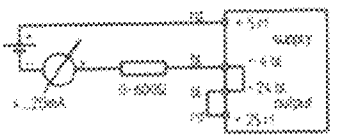
7. Sense of rotation can be modified after taking off the cover of the angle signal converter (ill.3).

ill. 1
Fastening

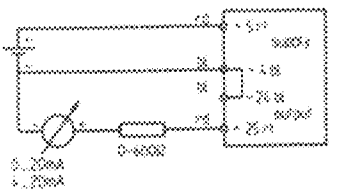


ill. 2

2 wire system



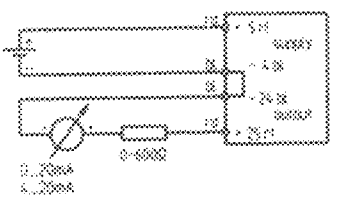
3 wire system

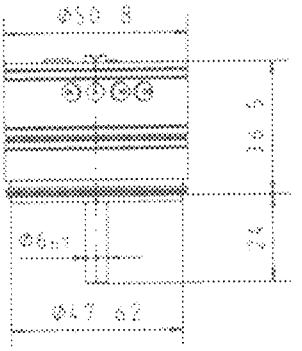


Attention

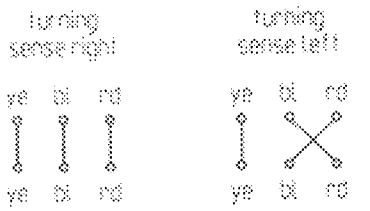
Please do not overtwist zero point and steepness of potentiometer.

4 wire system





ill.3
Designation of sense of rotation



ill. 4

switch	2 wire system 4...20 mA	3/4 wire system 0...20 mA	3/4 wire system 4...20 mA
0	196 ... 356	248 ... 355	
1	106 ... 195	135 ... 248	
2	64 ... 106	88 ... 135	71 ... 110
3	53 ... 88	64 ... 106	53 ... 86
5			110 ... 195
C			195 ... 355

Ersatz für BA 1.09/86.003 E

Bedienungsanleitung für Drehwinkelmeßumformer
PW ; PK ; FW 620 - MU / i - 02

1. Befestigung und Zentrierung nach Abb.1

1.1. Antriebsmechanik auf Anfangsstellung bringen und Drehwinkelmeßwertumformer einkuppeln.

2. Beschaltungsmöglichkeiten und Meßbereiche siehe Abb.2.

3. Drehwinkelmeßwertumformer mech. justieren und auf 0 mA bzw. 4 mA einstellen (Abb.2)

4. Endstellung der Antriebsmechanik anfahren. Bereichseinstellung mittels Schalter (Abb.4) gemäß Drehwinkel und Ausführungsart vornehmen.

5. Steilheitstrimmer (Abb.4) auf 20 mA justieren.

6. Anfangsstellung kontrollieren Bei Bedarf Nullpunkttrimmer (Abb.4) auf 0 mA bzw. 4 mA überprüfen.

7. Drehsinn kann nach Abziehen der Kappe am Drehwinkelmeßwertumformer geändert werden (Abb.3).

Achtung

Potentiometer Nullpunkt und Steilheit nicht mit Gewalt überdrehen.

Abb.1
Befestigung

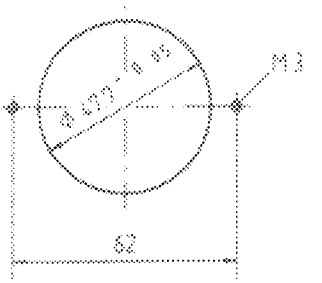
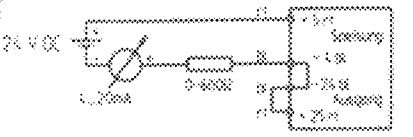
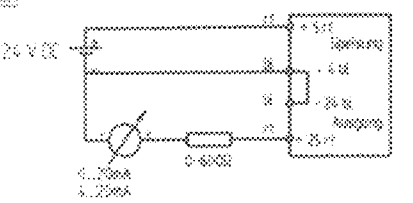


Abb. 2

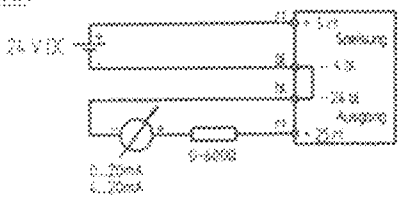
2-Leitertechnik

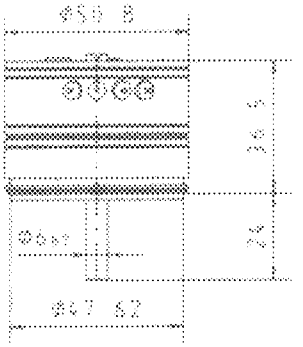


3-Leitertechnik



4-Leitertechnik





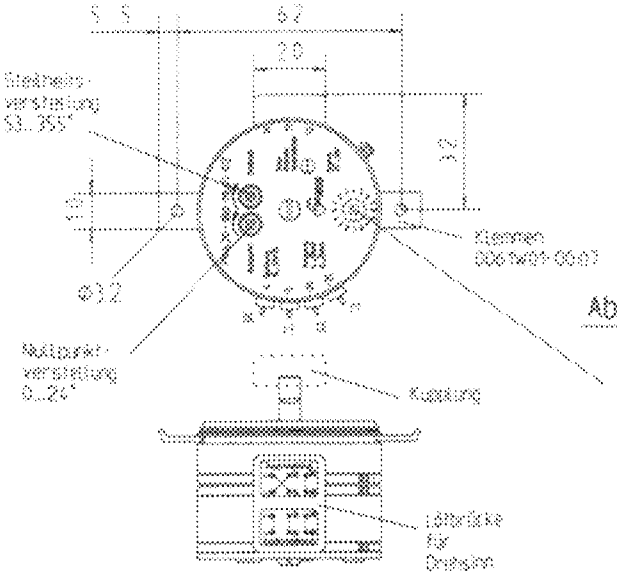


Abb. 3
Drehsinnkennzeichnung

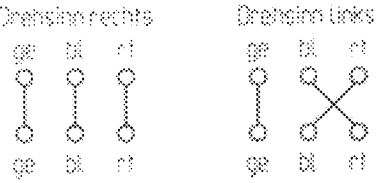


Abb. 4

Schalter	2 Leitertechnik 4...20 mA	3/4 Leitertechnik 0...20 mA	3/4 Leitertechnik 4...20 mA
	°	°	°
0	196 ... 356	248 ... 355	
1	106 ... 195	135 ... 248	
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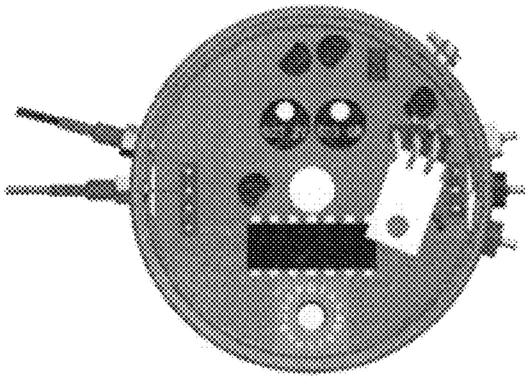
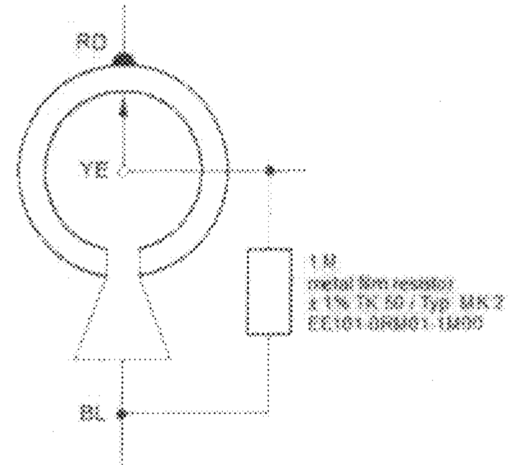
F			195 ... 355

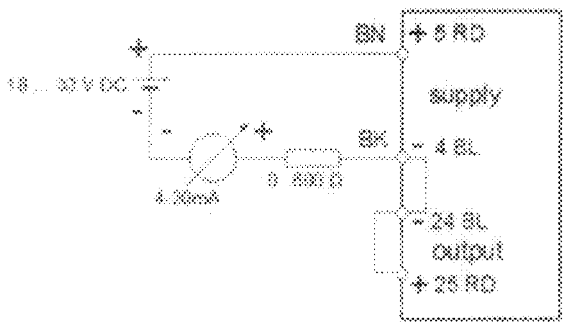
Ersatz für BA 1.09/86.003

Precision Angular Position Transmitter
PK 620 - 18d / MU - i02V

View without cover



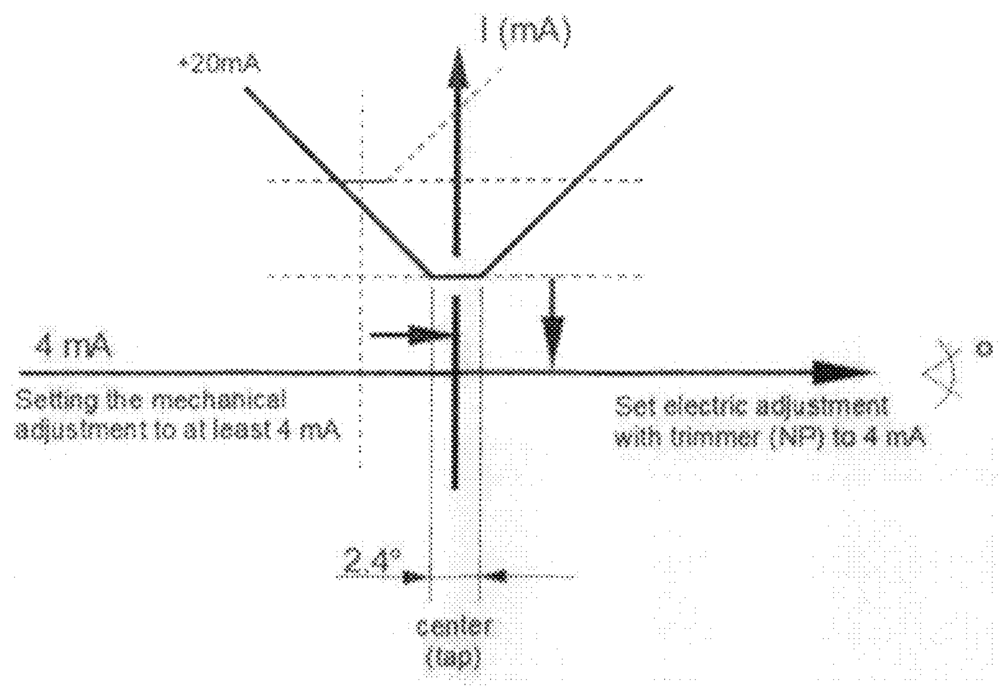




type designation

PW 6 20 d / MU - i 0 1

- design
- revision state
- i = current output / u = voltage output
- Transducer
- without limit stops
- servo flange casing
- shaft Ø
- Prec. Angular Position Transmitter



Customer: Firma Claudius Peters

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