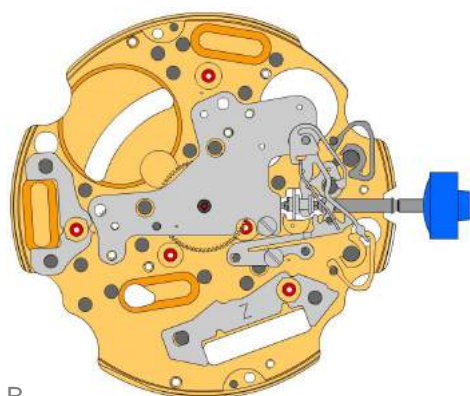
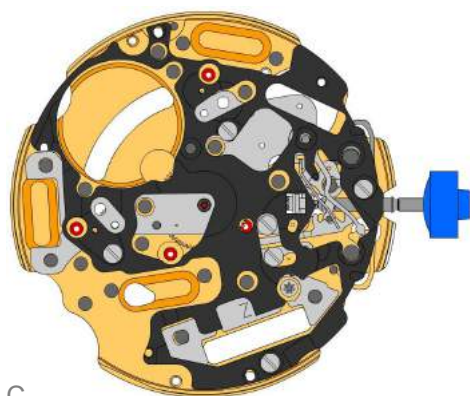






A

B

C


2000.574.G 1.		Platine
3305.290.CO 2.		Chaussée avec entraîneur (Aig.2, borgne)
3301.243 3.		Roue des heures (cpt 12h)


2030.017.CO 4.		Pont de centre Pont de centre tenue par 1 vis 4000.250. Les pièces 2030.017.CO, 3004.223 et 3500.059 doivent être échangées ensemble.
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4000.250 5.		Vis
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3001.055.FI 6.		Pignon coulant
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3000.177.CO 7.		Tige de mise à l'heure
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3017.049 8.		Tirette
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3905.049 9.		Sautoir de tirette (3 positions) Sautoir de tirette tenue par 1 vis 4000.250.
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4000.250 10.		Vis
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3015.081 11.		Bascule (3 positions)
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3905.067 12.		Ressort de bascule Mise en tension du ressort. Les pièces 3015.081 et 3905.067 doivent être échangées ensemble.
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3406.030 13.		Sautoir de poussoir B Fixer le sautoir de poussoir gris entre les deux piliers plus loin.
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3406.038 14.		Sautoir de poussoir A Fixer le sautoir de poussoir jaune entre les deux piliers plus proche.
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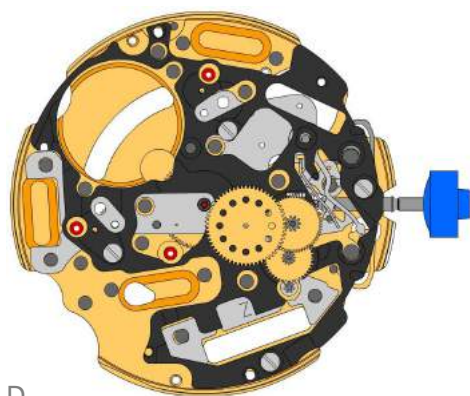
3622.040 15.		Stator Marquage [Z] sur le stator.
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3622.039 16.		Stator (cpt 6h, 9h, chrono)
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3603.079 17.		Potence plastique Potence plastique tenue par 4 vis 4000.250.
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4000.250 18.		Vis
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3715.094.RK 19.		Rotor
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D

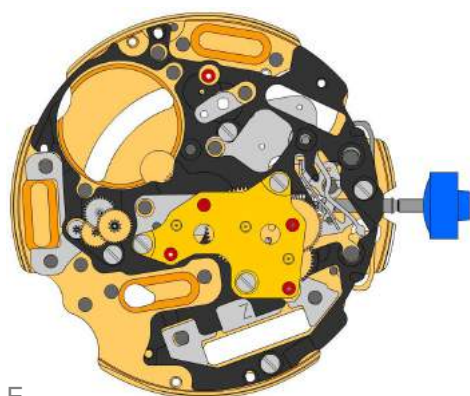
3147.046.CO
20.  Roue intermédiaire

3136.142.CO
21.  Roue de seconde (longue)

3122.056.CO
22.  Roue moyenne


2020.148.G
23.  Pont de rouage
Pont de rouage tenue par 3 vis 4000.250.


4000.250
24.  Vis



E

3715.095.RK
25.  Rotor

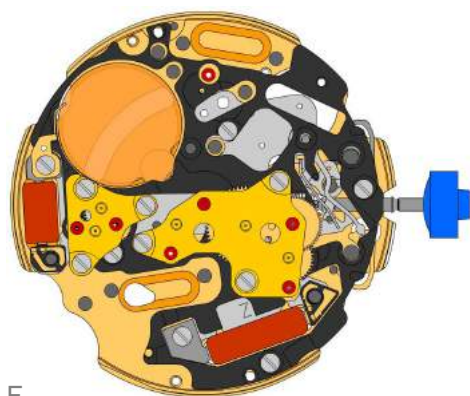
3147.048.CO
26.  Roue intermédiaire (cpt)


3007.055.CO
27.  Roue de minuterie (cpt 12h)


3402.007.CO
28.  Roue compteuse de minutes (12h)

2020.149.G
29.  Pont de rouage compteur
Pont de rouage compteur tenue par 3 vis 4000.250.

4000.250
30.  Vis


F


3621.053.RK
31.  Bobine
Attention: Prendre la bobine uniquement par le noyau de bobine gris.
Bobine tenue par 1 vis 4000.250.

3621.054.RK
32.  Bobine (cpt 9h, chrono)
Attention: Prendre la bobine uniquement par le noyau de bobine gris.

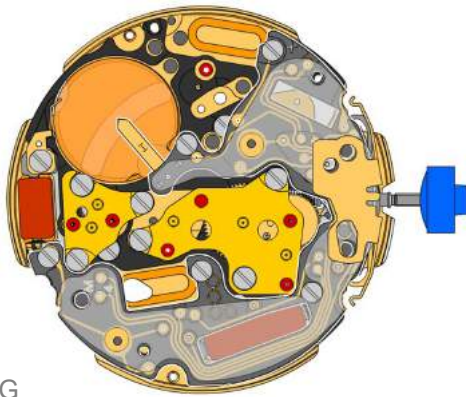
3601.118
33.  Bride contact
Bride contact tenue par 1 vis 4000.250.





4000.250
34.  Vis

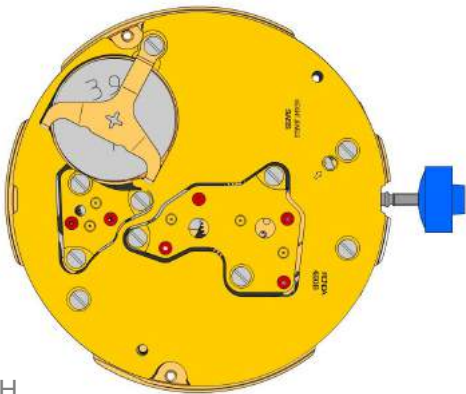
3503.054
35.  Tube

3503.054
36.  Tube

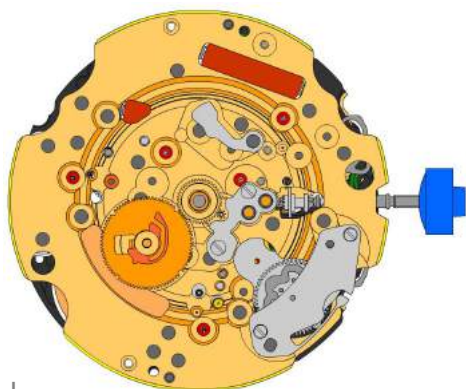
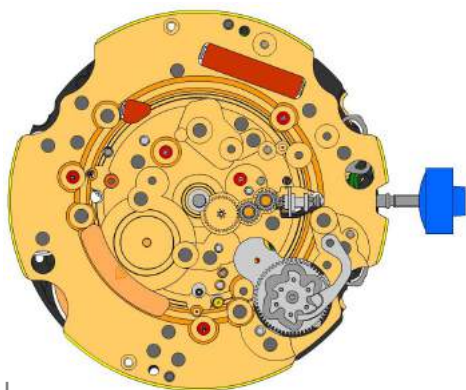
3603.034
37.  Isolateur pile
















G

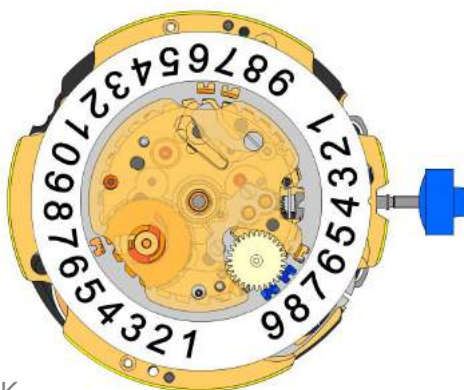
3612.144.4220 38.		Module électronique Module électronique tenue par 5 vis 4000.248. Les mesures électroniques peuvent être réaliser maintenant.
4000.248 39.		Vis
3603.069 40.		Isolateur de circuit
3601.107.G 41.		Ressort contact poussoirs


H

2130.138.G.M01.4220B 42.		Couvre-module électronique Couvre-module électronique tenue par 3 vis 4000.250.
3600.010.HGF 43.		Pile 395
3601.109.G 44.		Bride + Bride tenue par 1 vis 4000.250.
4000.250 45.		Vis



2000.574.G 46.		Platine
3004.164 47.		Renvoi
3004.164 48.		Renvoi
3007.054.CO 49.		Roue de minuterie
2130.143 50.		Pont du rouage de minuterie Pont du rouage de minuterie tenue par 2 vis 4000.305.
4000.305 51.		Vis
3004.223 52.		Roue entraîneuse des dizaines Les pièces 2030.017.CO, 3004.223 et 3500.059 doivent être échangées ensemble. Positionnement de la dent courte de la roue entraîneuse des dizaines en direction le centre du mouvement.
3500.059 53.		Sautoir des dizaines Les pièces 2030.017.CO, 3004.223 et 3500.059 doivent être échangées ensemble
2130.142 54.		Plaque de maintien du sautoir des dizaines Plaque maintien sautoir des dizaines tenue par 2 vis 4000.306. Mise en tension du ressort.
4010.306 55.		Vis
3301.242 56.		Roue des heures (Aig.2)
3315.016 57.		Clinquant
3004.224.CO 58.		Roue entraîneuse de quantième
3500.049 59.		Sautoir de quantième


K
3504.214.AD.1.A
60.

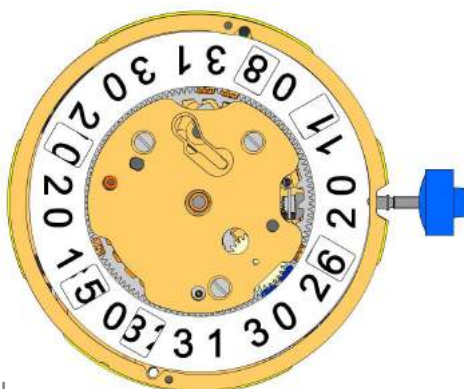
Indicateur des unités (standard)
Marquage de l'indicateur à 3 heures.

3147.054
61.

Roue intermédiaire dizaines
2130.141
62.

Plaque de maintien de l'indicateur de quantième
Plaque maintien indicateur de quantième tenue par 1 vis 4000.250.

3905.070
63.

Ressort sautoir de quantième
Insertion du ressort sautoir de quantième dans l'ouverture.

L
3504.215.AD.1.A
64.

Indicateur des dizaines (standard)
Marquage de l'indicateur à 3 heures.

2130.140.G
65.

Plaque de maintien du mécanisme de quantième
Plaque maintien mécanisme de quantième tenue par 2 vis 4000.250.

4000.250
66.

Vis
3506.072.G
67.

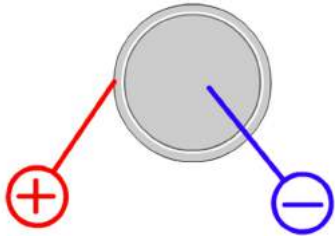
Support de cadran
8200
68.

Moebius 8200
9014
69.

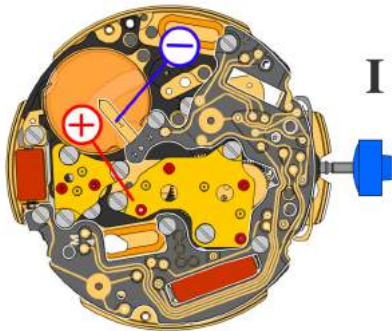
Moebius 9014
124
70.

Jismaa 124
9020
71.

Moebius 9020

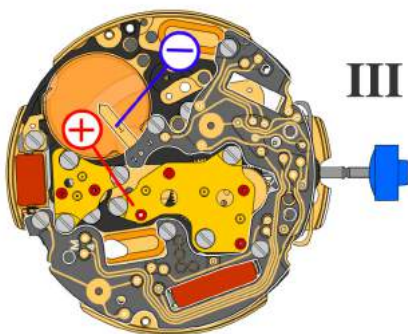


Pile	395
Tension	1.55 V



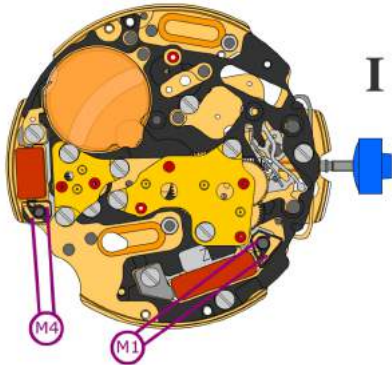
Tige de mise à l'heure en position I, calendrier hors engrenage, intervalle de mesure 60 s pour la marche et la consommation:

Consommation typique	1.32 μA
Consommation maximale	1.65 μA
Marche	-10s/M. .. +20s/M.
Limite inférieure de la tension de fonctionnement	1.20 V



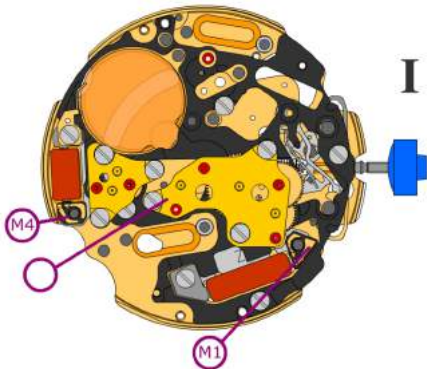
Tige de mise à l'heure en position III, intervalle de mesure 60 s:

Typical consumption	0.10 μA
Maximal consumption	0.30 μA

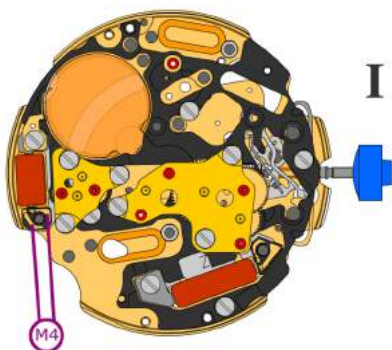


Résistance de la bobine M1 **1.90 kΩ .. 2.10 kΩ**

Résistance de la bobine M4 **1.68 kΩ .. 1.88 kΩ**

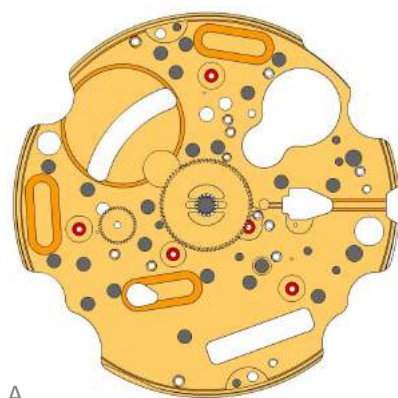


Isolation de la bobine M1/M4 **∞ kΩ**

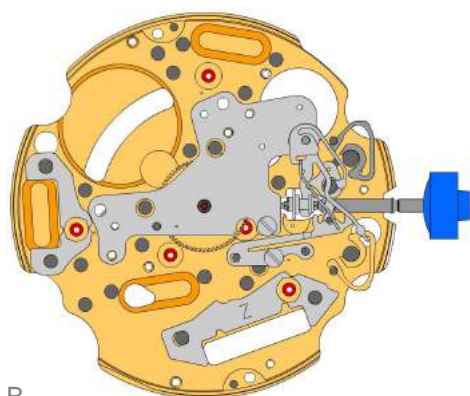


Générateur d'impulsion
(4.9 ms, 8 Hz):

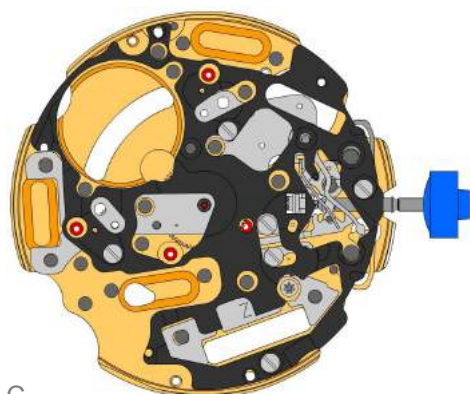
Limite inférieure de la tension de
fonctionnement M4 **1.20 V**






A




B




C


2000.574.G 1.		Main plate
3305.290.CO 2.		Cannon pinion with driver (Aig.2, closed)
3301.243 3.		Hour wheel (counter 12h)


2030.017.CO 4.		Centre bridge Centre bridge held by 1 screw 4000.250. Parts 2030.017.CO, 3004.223 and 3500.059 must be exchanged together.
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4000.250 5.		Screw
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3001.055.FI 6.		Sliding pinion
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3000.177.CO 7.		Setting stem
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3017.049 8.		Setting lever
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3905.049 9.		Setting lever jumper (3 positions) Setting lever jumper tenue par 1 vis 4000.250.
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4000.250 10.		Screw
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3015.081 11.		Yoke (3 positions)
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3905.067 12.		Yoke spring Tensioning the spring arm. Parts 3015.081 and 3905.067 must be exchanged together.
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3406.030 13.		Pusher jumper B Put the grey jumper between the two posts on the further side.
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3406.038 14.		Pusher jumper A Put the yellow jumper between the two posts on the closer side.
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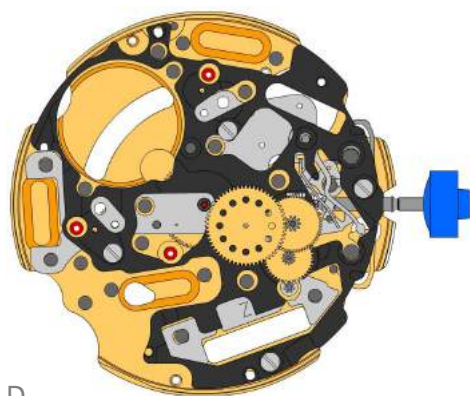
3622.040 15.		Stator Mark [Z] on stator.
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3622.039 16.		Stator (counter 6h, 9h, chrono)
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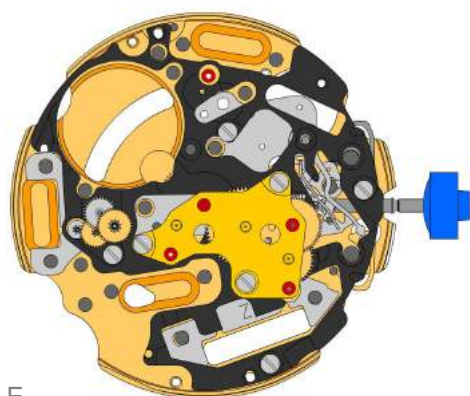
3603.079 17.		Plastic bracket Plastic bracket held by 1 screw 4000.250.
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4000.250 18.		Screw
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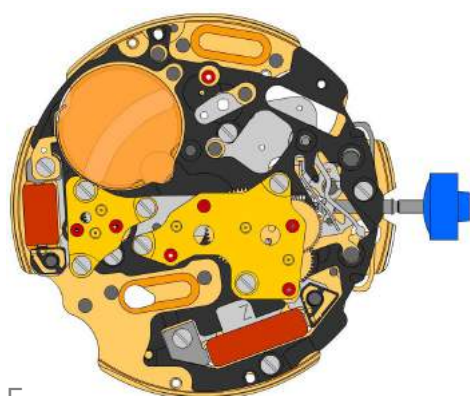
3715.094.RK 19.		Rotor
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D

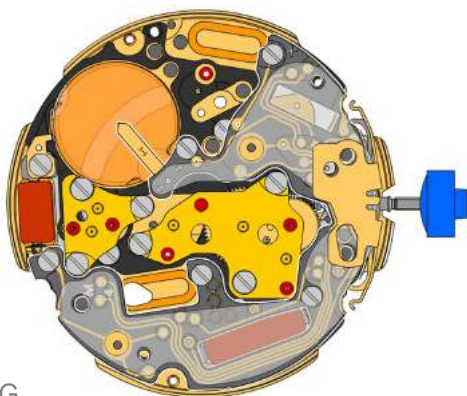
3147.046.CO 20.		Intermediate wheel
3136.142.CO 21.		Second wheel (long)
3122.056.CO 22.		Third wheel
2020.148.G 23.		Train wheel bridge Train wheel bridge held by 3 screws 4000.250.
4000.250 24.		Screw






E

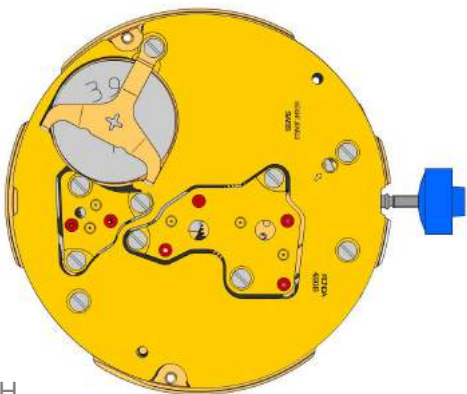
3715.095.RK 25.		Rotor
3147.048.CO 26.		Intermediate wheel (counter)
3007.055.CO 27.		Minute wheel (counter 12h)
3402.007.CO 28.		Minute counting wheel (12h)
2020.149.G 29.		Counter train wheel bridge Counter train wheel bridge held by 3 screws 4000.250.
4000.250 30.		Screw






F

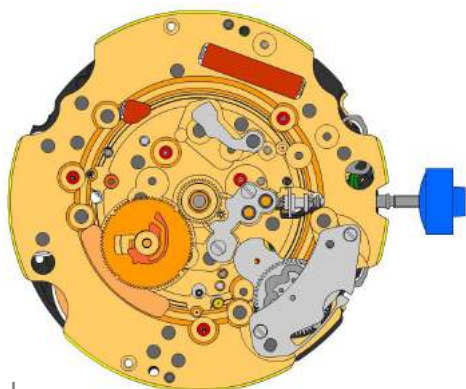
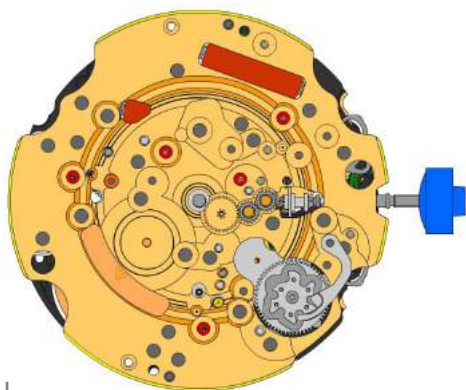
3621.053.RK 31.		Coil Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.054.RK 32.		Coil (counter 9h, chrono) Attention: Please hold the coil only on the grey coil core.
3601.118 33.		Contact strip Contact strip held by 1 screw 4000.250.
4000.250 34.		Screw
3503.054 35.		Tube
3503.054 36.		Tube
3603.034 37.		Battery insulator
















G

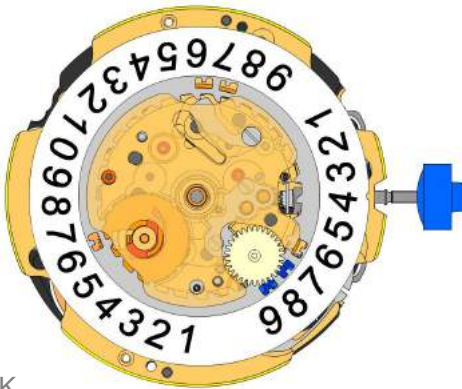
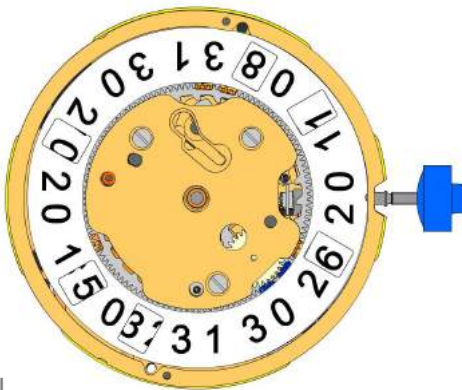
3612.144.4220 38.		Electronic module Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now.
4000.248 39.		Screw
3603.069 40.		Circuit insulator
3601.107.G 41.		Pusher contact spring






H





2130.138.G.M01.4220B 42.		Electronic module cover Electronic module cover held by 3 screws 4000.250.
3600.010.HGF 43.		Battery 395
3601.109.G 44.		Bridle + Bridle held by 1 screw 4000.250.
4000.250 45.		Screw







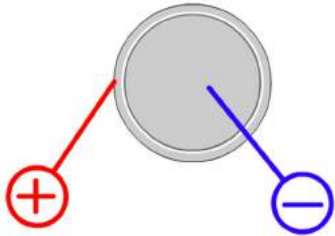
2000.574.G 46.		Main plate
3004.164 47.		Setting wheel
3004.164 48.		Setting wheel
3007.054.CO 49.		Minute wheel
2130.143 50.		Minute train bridge Minute train bridge held by 2 screws 4000.305.
4000.305 51.		Screw
3004.223 52.		Tens indicator driving wheel Parts 2030.017.CO, 3004.223 and 3500.059 must be exchanged together. The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.059 53.		Tens jumper Parts 2030.017.CO, 3004.223 and 3500.059 must be exchanged together.
2130.142 54.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.306. Tensioning the spring arm.
4010.306 55.		Screw
3301.242 56.		Hour wheel (Aig.2)
3315.016 57.		Friction spring
3004.224.CO 58.		Date indicator driving wheel
3500.049 59.		Date jumper


K

L

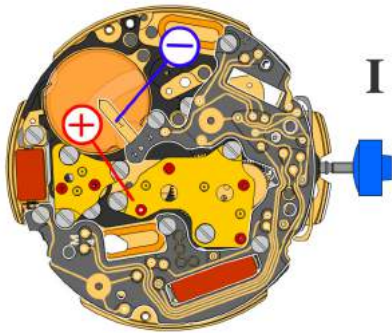
3504.214.AD.1.A 60.		Units indicator (standard) Nick of the indicator at 3 o'clock.
3147.054 61.		Tens intermediate wheel
2130.141 62.		Date indicator maintaining plate Date indicator maintaining plate held by 1 screw 4000.250.
3905.070 63.		Date jumper spring Insert the date jumper spring in the provided opening.

3504.215.AD.1.A 64.		Tens indicator (standard) Nick of the indicator at 3 o'clock
2130.140.G 65.		Date mechanism maintaining plate Date mechanism maintaining plate held by 2 screws 4000.250.
4000.250 66.		Screw
3506.072.G 67.		Dial support

8200 68.		Moebius 8200
9014 69.		Moebius 9014
124 70.		Jismaa 124
9020 71.		Moebius 9020

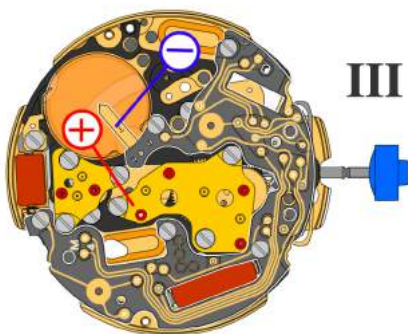


Battery	395
Voltage	1.55 V



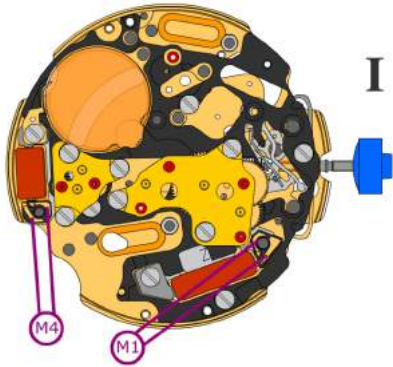
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

Typical consumption	1.32 μA
Maximal consumption	1.65 μA
Rate	-10s/M. .. +20s/M.
Lower working voltage limit	1.20 V



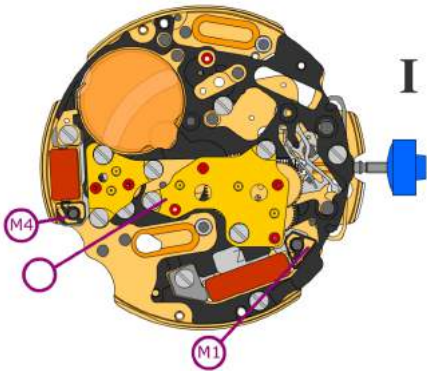
Setting stem in position III, 60 s measuring interval:

Typical consumption	0.10 μA
Maximal consumption	0.30 μA

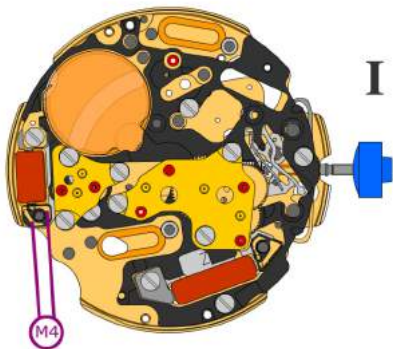


Coil resistance M1 **1.90 kΩ .. 2.10 kΩ**

Coil resistance M4 **1.68 kΩ .. 1.88 kΩ**

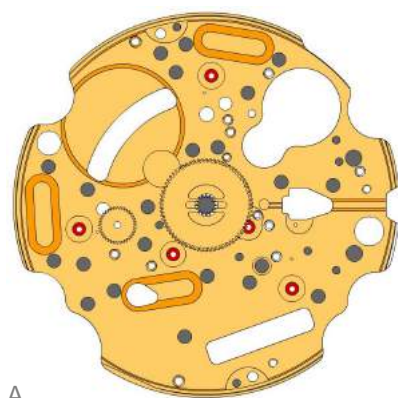


Coil isolation M1/M4 **∞ kΩ**

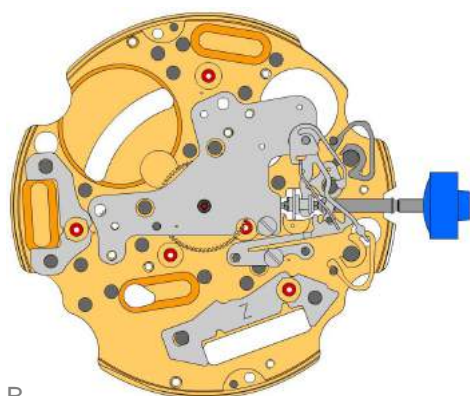


Signal generator (4.9 ms, 8 Hz):

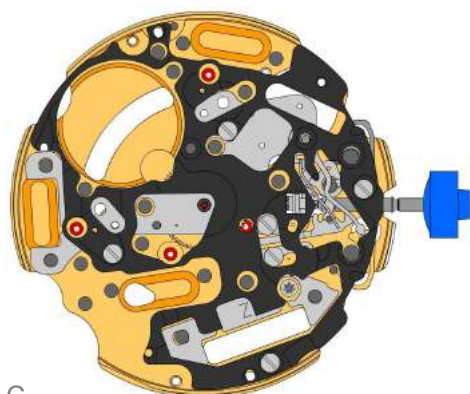
Lower working voltage limit M4 **1.20 V**






A




B




C

2000.574.G 1.		Werkplatte
3305.290.CO 2.		Minutenrohr mit Mitnehmer (Aig.2, geschlossen)
3301.243 3.		Stundenrad (Zähler 12h)


2030.017.CO 4.		Zentrumbrücke Zentrumbrücke gehalten durch 1 Schraube 4000.250. Die Teile 2030.017.CO, 3004.223 und 3500.059 sind zusammen auszutauschen.
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4000.250 5.		Schraube
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3001.055.FI 6.		Kupplungstrieb
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3000.177.CO 7.		Stellwelle
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3017.049 8.		Winkelhebel
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3905.049 9.		Winkelhebelraste (3 Positionen) Winkelhebelraste gehalten durch 1 Schraube 4000.250.
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4000.250 10.		Schraube
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3015.081 11.		Wippe (3 Positionen) Die Teile 3015.081 und 3905.067 sind zusammen auszutauschen.
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3905.067 12.		Wippenfeder Den Federarm spannen. Die Teile 3015.081 und 3905.067 sind zusammen auszutauschen.
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3406.030 13.		Drückerraste B Graue Drückerraste zwischen den beiden Säulen auf der entfernteren Seite platzieren.
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3406.038 14.		Drückerraste A Gelbe Drückerraste zwischen den beiden Säulen auf der näheren Seite platzieren.
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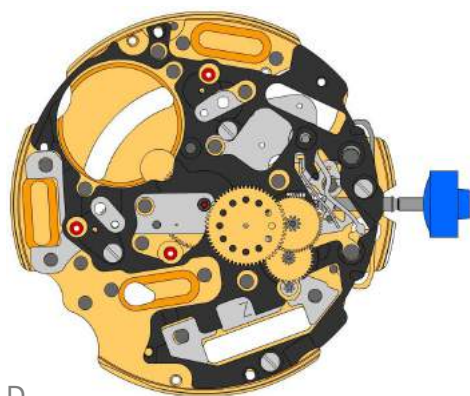
3622.040 15.		Stator Markierung Z auf Stator.
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3622.039 16.		Stator (Zähler 6h, 9h, Chrono)
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3603.079 17.		Kunststoffhalterung Kunststoffhalterung gehalten durch 4 Schrauben 4000.250.
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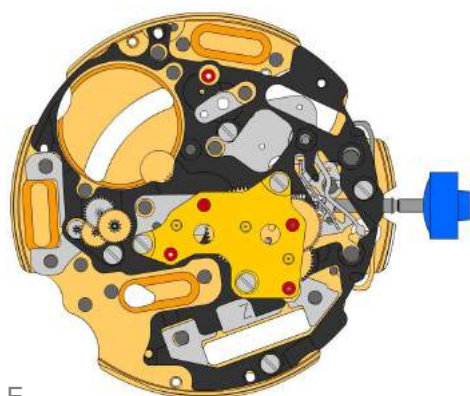
4000.250 18.		Schraube
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3715.094.RK 19.		Rotor
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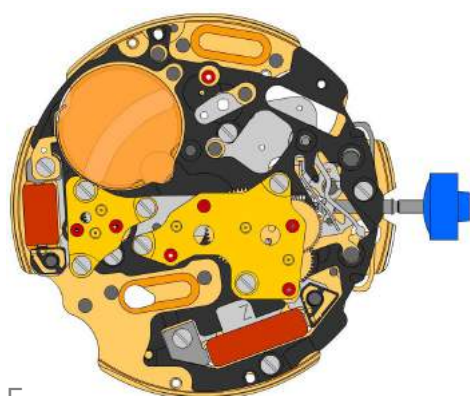
D

3147.046.CO 20.		Zwischenrad
3136.142.CO 21.		Sekundenrad (lang)
3122.056.CO 22.		Kleinbodenrad
2020.148.G 23.		Räderwerkbrücke Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 24.		Schraube










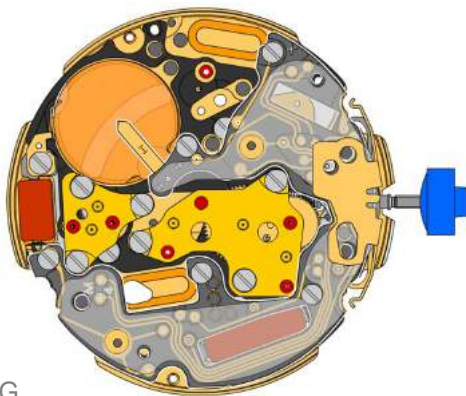
E

3715.095.RK 25.		Rotor
3147.048.CO 26.		Zwischenrad (Zähler)
3007.055.CO 27.		Wechselrad (Zähler 12h)
3402.007.CO 28.		Minutenzählrad (12h)
2020.149.G 29.		Zähler-Räderwerkbrücke Zähler-Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 30.		Schraube







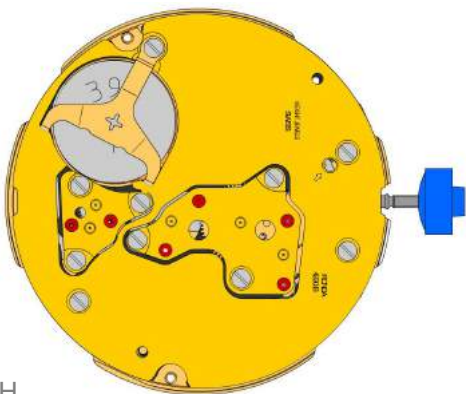
F

3621.053.RK 31.		Spule Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.054.RK 32.		Spule (Zähler 9h, Chrono) Achtung: Spule nur am grauen Spulenkern halten.
3601.118 33.		Kontaktbügel Kontaktbügel gehalten durch 1 Schraube 4000.250.
4000.250 34.		Schraube
3503.054 35.		Lagerrohr
3503.054 36.		Lagerrohr
3603.034 37.		Isolation für Batterie







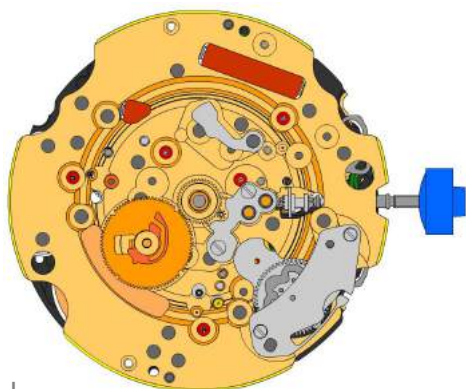
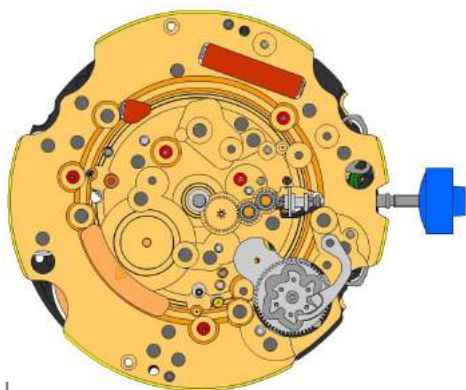
G















3612.144.4220 38.		Elektronikmodul Elektronikmodul gehalten durch 5 Schrauben 4000.248. Elektronische Messungen können nun vorgenommen werden.
4000.248 39.		Schraube
3603.069 40.		Isolation für Schaltung
3601.107.G 41.		Drückerkontaktfeder

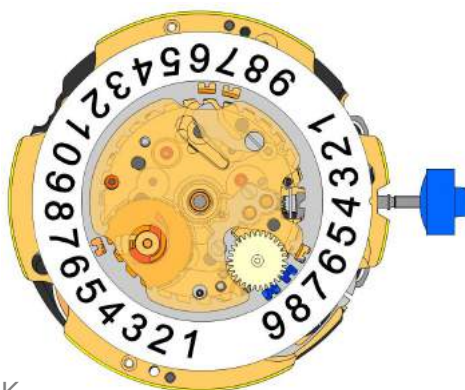


H

2130.138.G.M01.4220B 42.		Deckplatte für Elektronikmodul Deckplatte für Elektronikmodul gehalten durch 3 Schrauben 4000.250.
3600.010.HGF 43.		Batterie 395
3601.109.G 44.		Bügel + Bügel gehalten durch 1 Schraube 4000.250.
4000.250 45.		Schraube

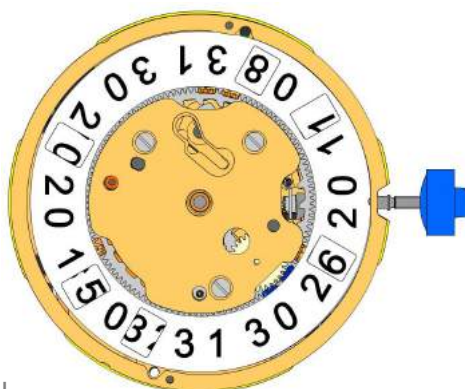


2000.574.G 46.		Werkplatte
3004.164 47.		Zeigerstellrad
3004.164 48.		Zeigerstellrad
3007.054.CO 49.		Wechselrad
2130.143 50.		Wechselradbrücke Wechselradbrücke gehalten durch 2 Schrauben 4000.305.
4000.305 51.		Schraube
3004.223 52.		Zehnermitnehmerrad Die Teile 2030.017.CO, 3004.223 und 3500.059 sind zusammen auszutauschen. Kurzer Zahn des Zehnermitnehmerrades in Richtung Werkszentrum positionieren.
3500.059 53.		Zehnerraste Die Teile 2030.017.CO, 3004.223 und 3500.059 sind zusammen auszutauschen.
2130.142 54.		Halteplatte für Zehnerraste Halteplatte für Zehnerraste gehalten durch 2 Schrauben 4000.306. Den Federarm spannen.
4010.306 55.		Schraube
3301.242 56.		Stundenrad (Aig.2)
3315.016 57.		Frikionsfeder
3004.224.CO 58.		Datumanzeiger-Mitnehmerrad
3500.049 59.		Datumraste











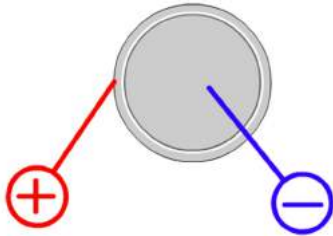
K

3504.214.AD.1.A 60.		Einer Anzeiger (Standard) Einbuchtung im Disc bei 3 Uhr.
3147.054 61.		Zehnerzwischenrad
2130.141 62.		Halteplatte für Datumanzeige Halteplatte für Datumanzeige gehalten durch 1 Schraube 4000.250.
3905.070 63.		Feder für Datumraste Feder für Datumsraste in die Öffnung einfügen.

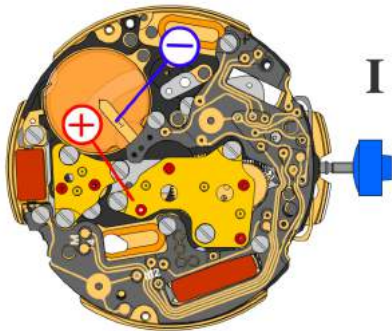


L

3504.215.AD.1.A 64.		Zehner Anzeiger (Standard) Einbuchtung im Disc bei 3 Uhr.
2130.140.G 65.		Halteplatte für Datum-Mechanismus Halteplatte für Datum-Mechanismus gehalten durch 2 Schrauben 4000.250.
4000.250 66.		Schraube
3506.072.G 67.		Träger für Zifferblatt
9010.000 68.		Moebius 8200
9014.000 69.		Moebius 9014
9018.000 70.		Jismaa 124
9020.000 71.		Moebius 9020

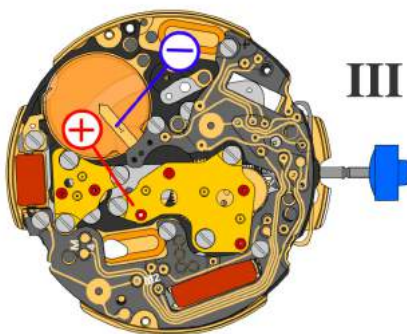


Batterie	395
Spannung	1.55 V



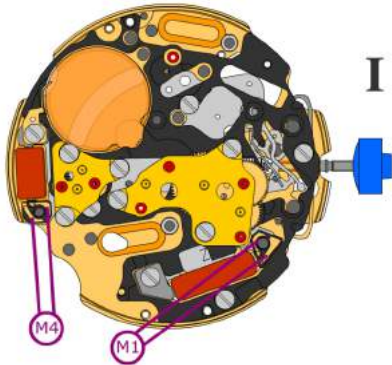
*Stellwelle in Position I, Kalender nicht im Eingriff,
60 s Messintervall für Gang und Verbrauch:*

Typischer Verbrauch	1.32 μA
Maximaler Verbrauch	1.65 μA
Gang	-10s/M. .. +20s/M.
Untere Funktionsspannungsgrenze	1.20 V



Stellwelle in Position III, 60 s Messintervall:

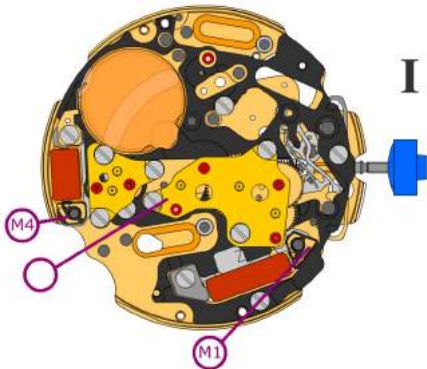
Typischer Verbrauch	0.10 μA
Maximaler Verbrauch	0.30 μA



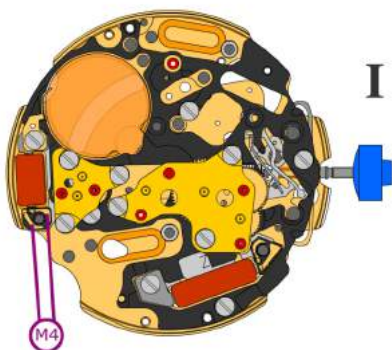
Spulenwiderstand M1

1.90 k Ω .. 2.10 k Ω

Spulenwiderstand M4

1.68 k Ω .. 1.88 k Ω


Spulenisolation M1/M4

 ∞ k Ω

Pulsgenerator (4.9 ms, 8 Hz):

Untere Funktionsspannungsgrenze M4

1.20 V