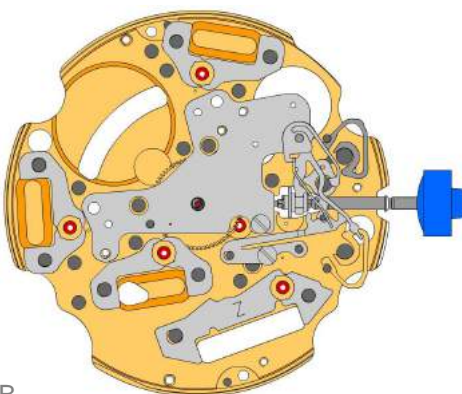
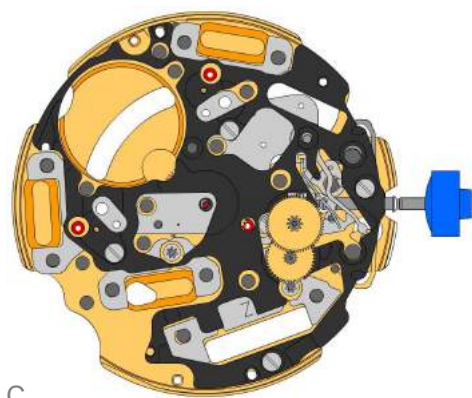


A



B

2000.574.G 1.		Platine
3305.275.CO 2.		Chaussée avec entraîneur (Aig.1)
2030.032.CO 3.		Pont de centre Pont de centre tenue par 1 vis 4000.250.
4000.250 4.		Vis
3001.055.FI 5.		Pignon coulant
3000.177.CO 6.		Tige de mise à l'heure
3017.049 7.		Tirette
3905.049 8.		Sautoir de tirette (3 positions) Sautoir de tirette tenue par 1 vis 4000.250.
4000.250 9.		Vis
3015.081 10.		Bascule (3 positions)
3905.067 11.		Ressort de bascule Mise en tension du ressort.
3406.030 12.		Sautoir de poussoir B Fixer le sautoir de poussoir gris entre les deux piliers plus loin.
3406.038 13.		Sautoir de poussoir A Fixer le sautoir de poussoir jaune entre les deux piliers plus proche.
3622.040 14.		Stator Marquage [Z] sur le stator.
3622.039 15.		Stator (cpt 6h, 9h, chrono)
3622.039 16.		Stator (cpt 6h, 9h, chrono)
3622.039 17.		Stator (cpt 6h, 9h, chrono)


C


3603.079
18.  **Potence plastique**
Potence plastique tenue par 4 vis 4000.250.

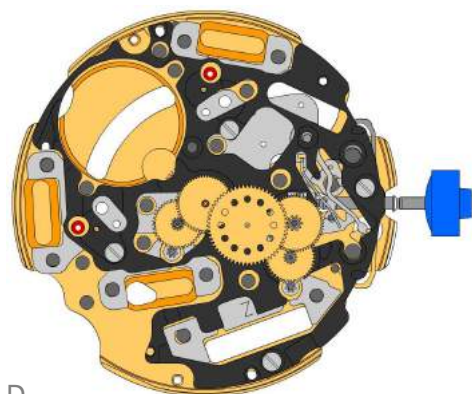
4000.250
19.  **Vis**


3715.094.RK
20.  **Rotor**

3715.094.RK
21.  **Rotor**

3147.046.CO
22.  **Roue intermédiaire**

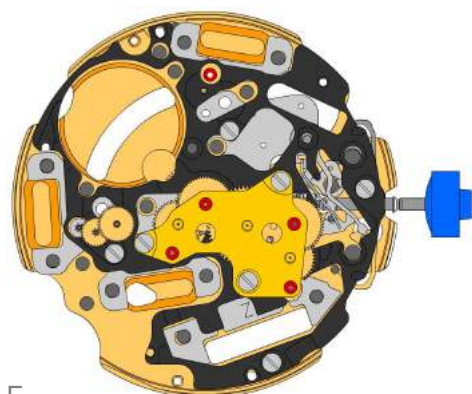
3136.142.CO
23.  **Roue de seconde (longue)**


D

3147.047.CO
24.  **Roue intermédiaire (Chrono)**

3136.143.CO
25.  **Roue de chronographe (Aig.1)**


3122.056.CO
26.  **Roue moyenne**



E

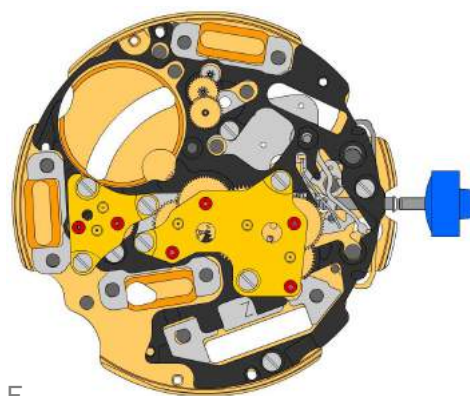
2020.148.G
27.  **Pont de rouage**
Pont de rouage tenue par 3 vis 4000.250.

4000.250
28.  **Vis**

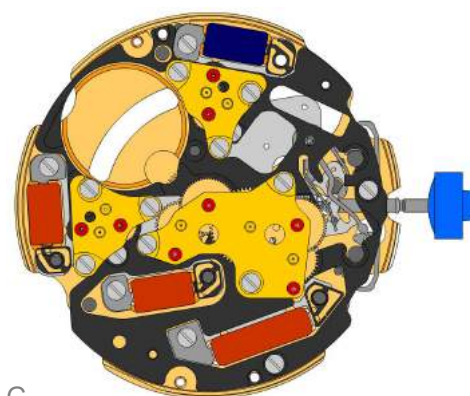
3715.095.RK
29.  **Rotor**








3147.048.CO
30.  **Roue intermédiaire (cpt)**

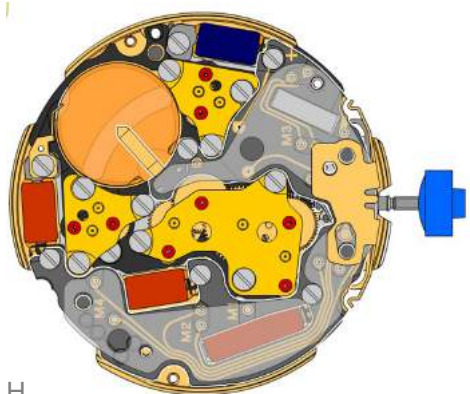
3402.006.CO
31.  **Roue compteuse de minutes**









F

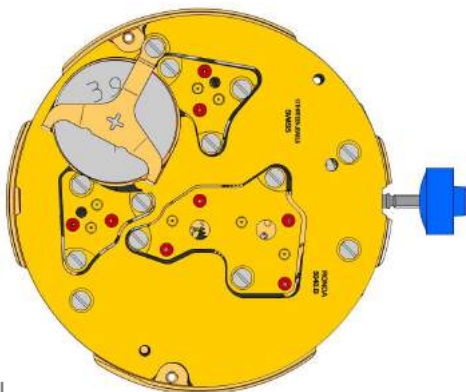
2020.149.G 32.		Pont de rouage compteur Pont de rouage compteur tenue par 3 vis 4000.250.
4000.250 33.		Vis
3715.095.RK 34.		Rotor
3147.053.CO 35.		Roue intermédiaire (cpt 1/10sec)
3402.016.CO 36.		Roue compteuse de 1/10 sec






G

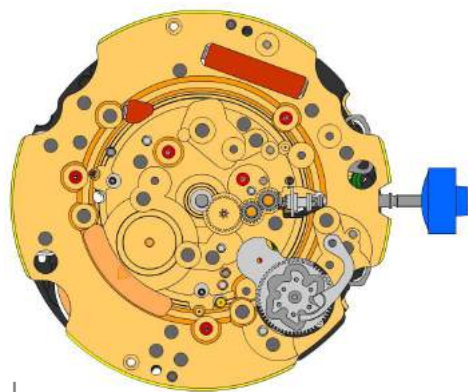
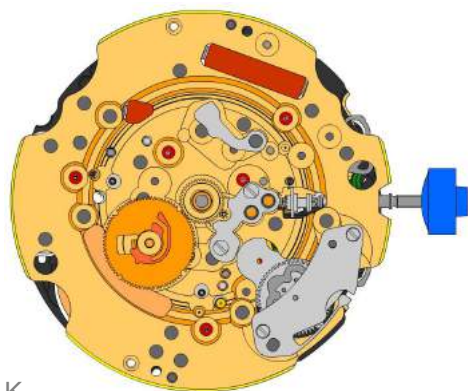
2020.149.G 37.		Pont de rouage compteur Pont de rouage compteur tenue par 3 vis 4000.250.
4000.250 38.		Vis
3621.053.RK 39.		Bobine Attention: Prendre la bobine uniquement par le noyau de bobine gris. tenue par 1 vis 4000.250.
3621.054.RK 40.		Bobine (cpt 9h, chrono) Attention: Prendre la bobine uniquement par le noyau de bobine gris. tenue par 1 vis 4000.250.
3621.054.RK 41.		Bobine (cpt 9h, chrono) Attention: Prendre la bobine uniquement par le noyau de bobine gris. tenue par 1 vis 4000.250.
3621.055.RK 42.		Bobine (cpt 6h) Attention: Prendre la bobine uniquement par le noyau de bobine gris. tenue par 1 vis 4000.250.
4000.250 43.		Vis
















H

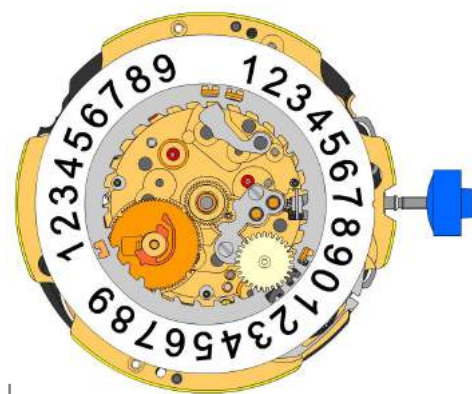
3601.118 44.		Bride contact Bride contact tenue par 1 vis 4000.250.
4000.250 45.		Vis
3603.034 46.		Isolateur pile
3612.144.5040 47.		Module électronique Module électronique tenue par 5 vis 4000.248. Les mesures électroniques peuvent être réaliser maintenant.
4000.248 48.		Vis
3603.069 49.		Isolateur de circuit
3601.107.G 50.		Ressort contact pousoirs



2130.137.G.M01.5040B 51.		Couvre-module électronique Couvre-module électronique tenue par 3 vis 4000.250.
3600.010.HGF 52.		Pile 395
3601.109.G 53.		Bride + Bride tenue par 1 vis 4000.250.
4000.250 54.		Vis


J

K

2000.574.G 55.		Platine
3004.164 56.		Renvoi
3004.164 57.		Renvoi
3007.054.CO 58.		Roue de minuterie
2130.143 59.		Pont du rouage de minuterie Pont du rouage de minuterie tenue par 2 vis 4000.305.
4000.305 60.		Vis
3004.227 61.		Roue entraîneuse des dizaines Positionnement de la dent courte de la roue entraîneuse des dizaines en direction le centre du mouvement.
3500.075 62.		Sautoir des dizaines
2130.142 63.		Plaque de maintien du sautoir des dizaines Mise en tension du ressort. Plaque maintien sautoir des dizaines tenue par 2 vis 4000.306.
4010.306 64.		Vis
3301.241 65.		Roue des heures (Aig.1)
3315.016 66.		Clinquant
3004.224.CO 67.		Roue entraîneuse de quantième
3500.049 68.		Sautoir de quantième



L

 3504.214.AF.1.A
69.

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

 3147.054
70.

Roue intermédiaire dizaines

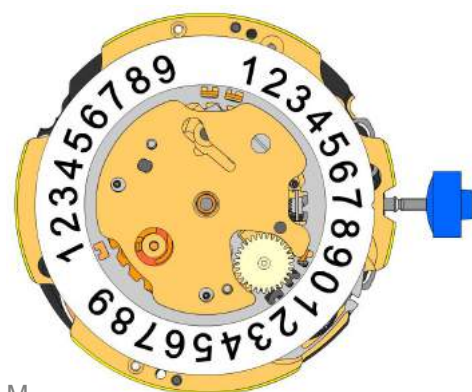
 2130.141
71.

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

 3905.070
72.

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

 3504.216.AF.1.A
73.

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


M

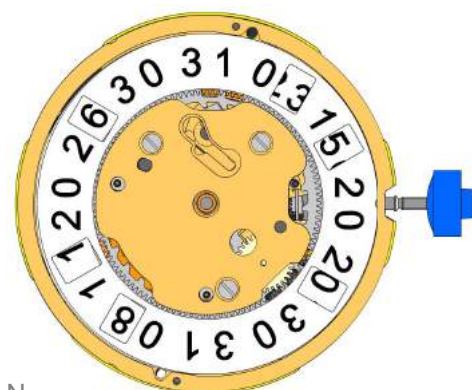
 2130.140.G
74.

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

 4000.250
75.

Vis

 3506.072.G
76.

Support de cadran


N

 8200
77.

Moebius 8200

 9014
78.

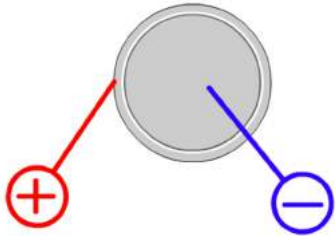
Moebius 9014

 124
79.

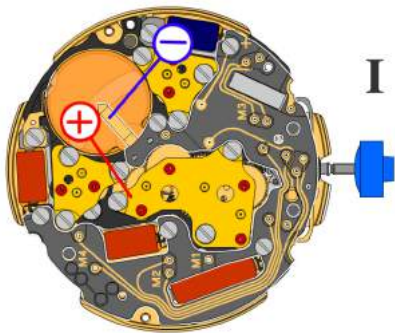
Jismaa 124

 9020
80.

Moebius 9020

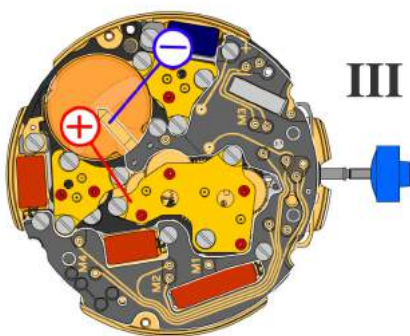


Pile	395
Tension	1.55 V



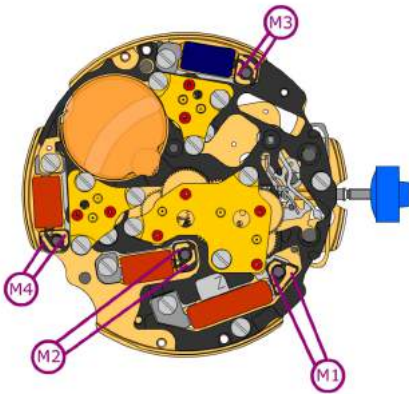
Tige de mise à l'heure en position I, calendrier hors engrenage, intervalle de mesure 60 s pour la marche et la consommation:

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

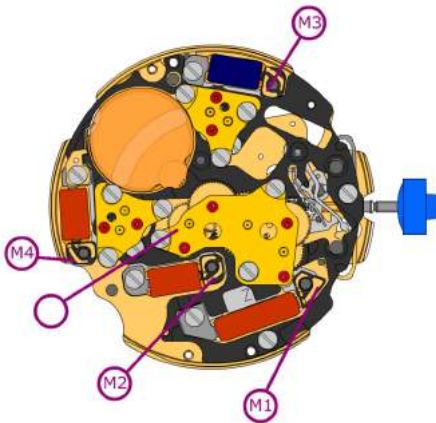


Résistance de la bobine M1 **1.90 k Ω .. 2.10 k Ω**

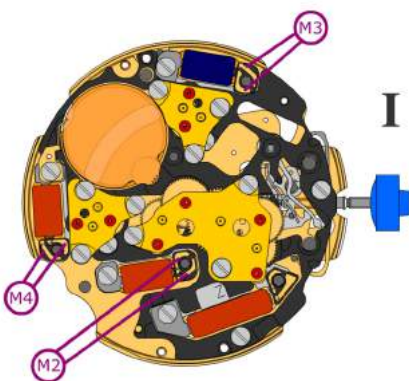
Résistance de la bobine M2 **1.68 k Ω .. 1.88 k Ω**

Résistance de la bobine M3 **1.68 k Ω .. 1.88 k Ω**

Résistance de la bobine M4 **1.68 k Ω .. 1.88 k Ω**

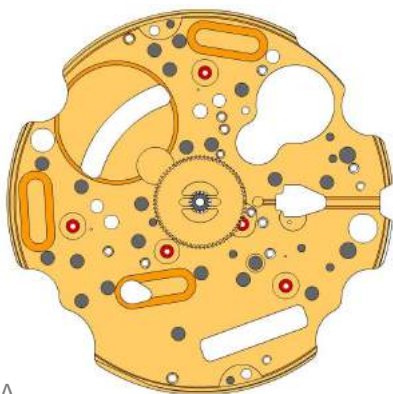


Isolation de la bobine
M1/M2/M3/M4 **∞ k Ω**

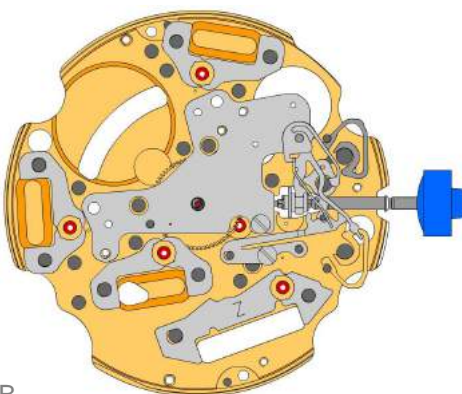


I
Générateur d'impulsion
(4.9 ms, 8 Hz):


















Limite inférieure de la tension de
fonctionnement M2/M3/M4 **1.20 V**

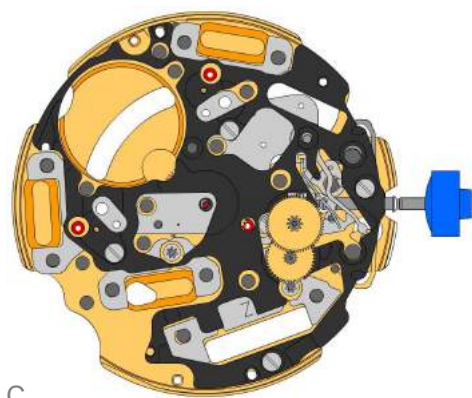








A

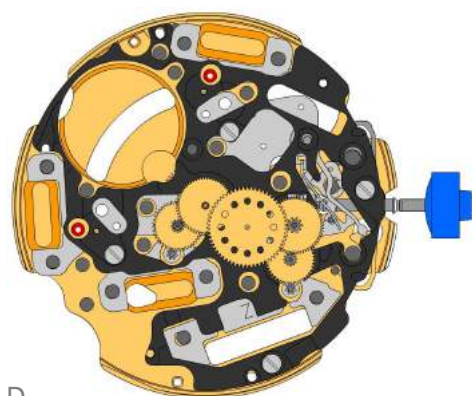





B

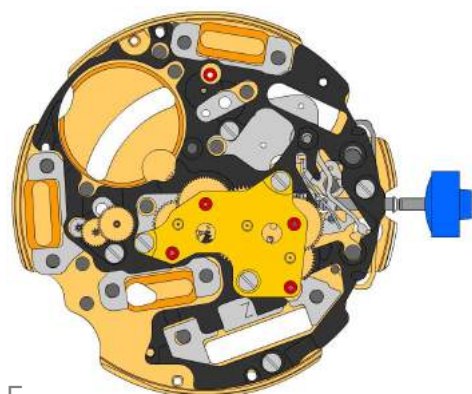
2000.574.G 1.		Main plate
3305.275.CO 2.		Cannon pinion with driver (Aig.1)
2030.032.CO 3.		Centre bridge Centre bridge held by 1 screw 4000.250.
4000.250 4.		Screw
3001.055.FI 5.		Sliding pinion
3000.177.CO 6.		Setting stem
3017.049 7.		Setting lever
3905.049 8.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.250.
4000.250 9.		Screw
3015.081 10.		Yoke (3 positions)
3905.067 11.		Yoke spring Tensioning the spring arm.
3406.030 12.		Pusher jumper B Put the grey jumper between the two posts on the further side.
3406.038 13.		Pusher jumper A Put the yellow jumper between the two posts on the closer side.
3622.040 14.		Stator Mark [Z] on stator.
3622.039 15.		Stator (counter 6h, 9h, chrono)
3622.039 16.		Stator (counter 6h, 9h, chrono)
3622.039 17.		Stator (counter 6h, 9h, chrono)







C

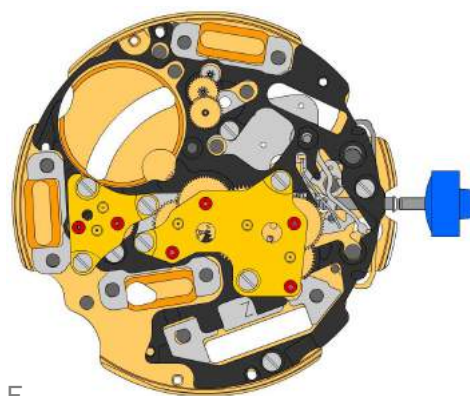
3603.079 18.		Plastic bracket Plastic bracket held by 4 screws 4000.250.
4000.250 19.		Screw
3715.094.RK 20.		Rotor
3715.094.RK 21.		Rotor
3147.046.CO 22.		Intermediate wheel
3136.142.CO 23.		Second wheel (long)


D






3147.047.CO 24.		Intermediate wheel (chrono)
3136.143.CO 25.		Chronograph wheel (Aig.1)
3122.056.CO 26.		Third wheel

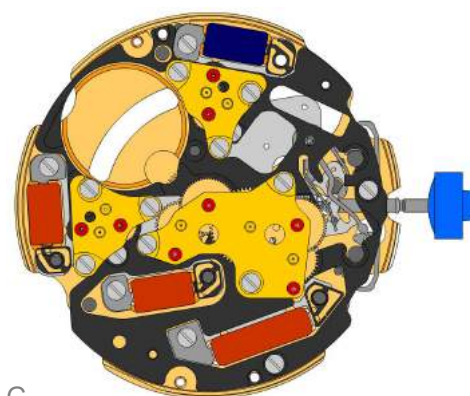

E

2020.148.G 27.		Train wheel bridge Train wheel bridge held by 3 screws 4000.250.
4000.250 28.		Screw
3715.095.RK 29.		Rotor
3147.048.CO 30.		Intermediate wheel (counter)
3402.006.CO 31.		Minute counting wheel










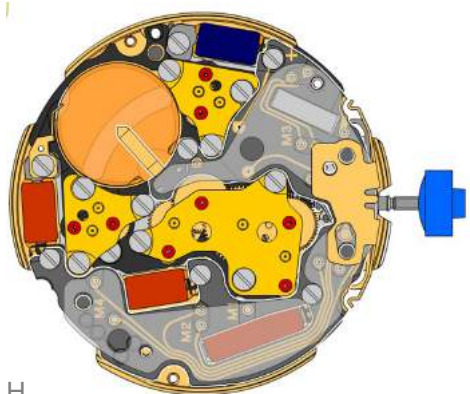
F

2020.149.G 32.		Counter train wheel bridge Counter train wheel bridge held by 3 screws 4000.250.
4000.250 33.		Screw
3715.095.RK 34.		Rotor
3147.053.CO 35.		Intermediate wheel (counter 1/10sec)
3402.016.CO 36.		Counting wheel 1/10 sec










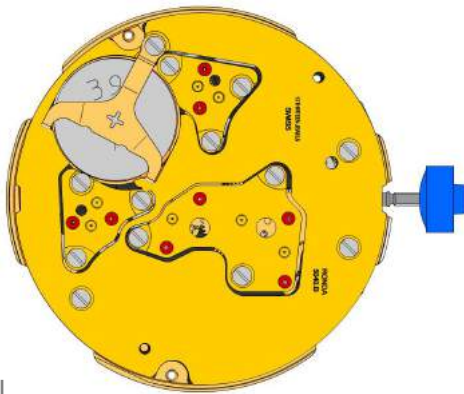
G

2020.149.G 37.		Counter train wheel bridge Counter train wheel bridge held by 3 screws 4000.250.
4000.250 38.		Screw
3621.053.RK 39.		Coil Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.054.RK 40.		Coil (counter 9h, chrono) Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.054.RK 41.		Coil (counter 9h, chrono) Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
3621.055.RK 42.		Coil (counter 6h) Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.
4000.250 43.		Screw




H

3601.118 44.		Contact strip Contact strip held by 1 screw 4000.250.
4000.250 45.		Screw
3603.034 46.		Battery insulator
3612.144.5040 47.		Electronic module Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now.
4000.248 48.		Screw
3603.069 49.		Circuit insulator
3601.107.G 50.		Pusher contact spring

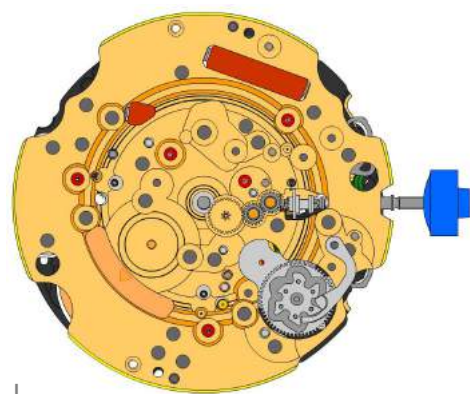


2130.137.G.M01.5040B
51.  **Electronic module cover**
Electronic module cover held by 3 screws 4000.250.

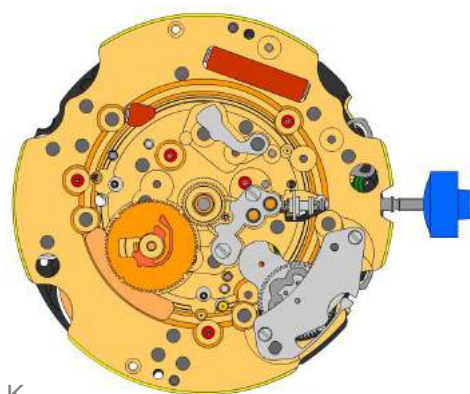
3600.010.HGF
52.  **Battery 395**

3601.109.G
53.  **Bridge +**
Bridge held by 1 screw 4000.250.















4000.250
54.  **Screw**



J





K

2000.574.G 55.		Main plate
3004.164 56.		Setting wheel
3004.164 57.		Setting wheel
3007.054.CO 58.		Minute wheel
2130.143 59.		Minute train bridge Minute train bridge held by 2 screws 4000.305.
4000.305 60.		Screw
3004.227 61.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.075 62.		Tens jumper
2130.142 63.		Tens jumper maintaining plate Tensioning the spring arm. Tens jumper maintaining plate held by 2 screws 4000.306.
4010.306 64.		Screw
3301.241 65.		Hour wheel (Fig.1)
3315.016 66.		Friction spring
3004.224.CO 67.		Date indicator driving wheel
3500.049 68.		Date jumper





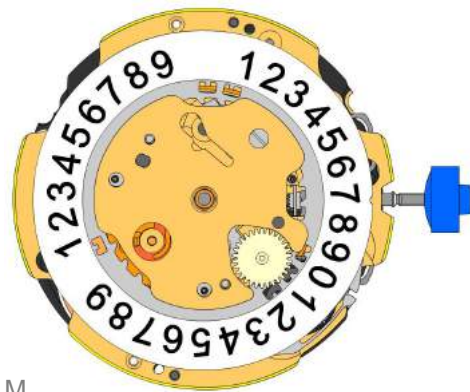
L

 3504.214.AF.1.A
69.  Units indicator (standard)

 3147.054
70.  Tens intermediate wheel

 2130.141
71.  Date indicator maintaining plate
Date indicator maintaining plate

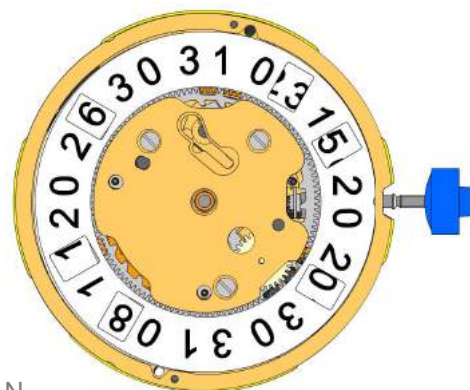
 3905.070
72.  Date jumper spring
Insert the date jumper spring in the provided opening.

 3504.216.AF.1.A
73.  Tens indicator (standard)
Nick of the indicator at 3 o'clock.


M

 2130.140.G
74.  Date mechanism maintaining plate
Date mechanism maintaining plate held by 2 screws 4000.250

 4000.250
75.  Screw

 3506.072.G
76.  Dial support


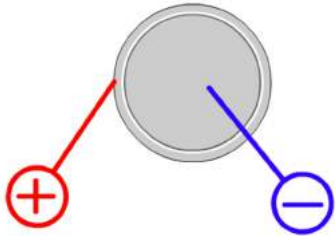
N

 8200
77.  Moebius 8200

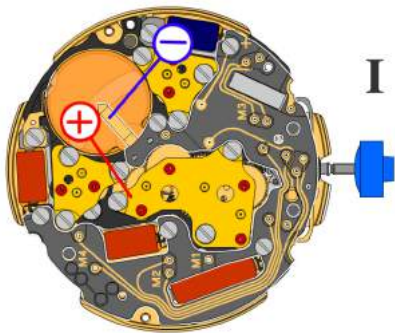
 9014
78.  Moebius 9014

 124
79.  Jismaa 124

 9020
80.  Moebius 9020

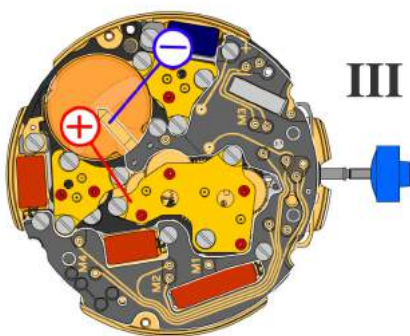


Battery	395
Voltage	1.55 V



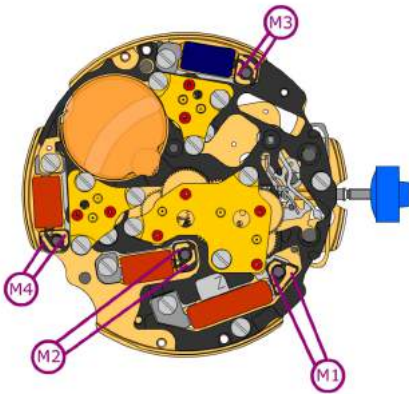
*Setting stem in position I, calendar not in gear,
60 s measuring interval for rate and consumption:*

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

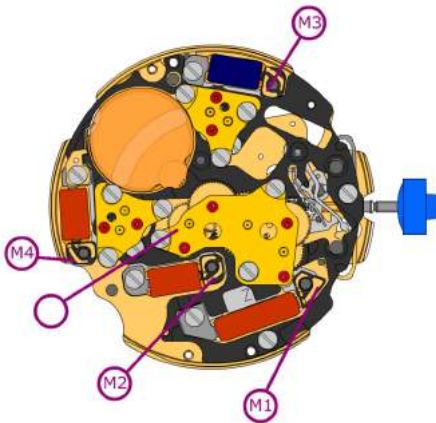


Coil resistance M1 **1.90 k Ω .. 2.10 k Ω**

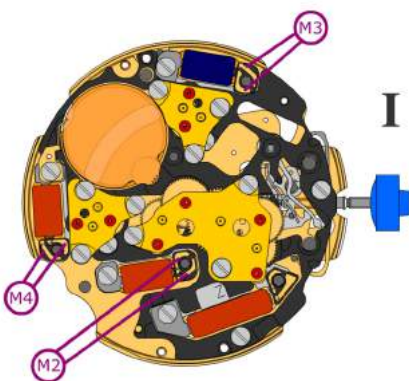
Coil resistance M2 **1.68 k Ω .. 1.88 k Ω**

Coil resistance M3 **1.68 k Ω .. 1.88 k Ω**

Coil resistance M4 **1.68 k Ω .. 1.88 k Ω**

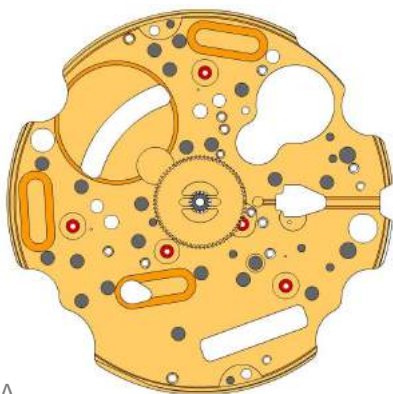


Coil isolation M1/M2/M3/M4 **∞ k Ω**

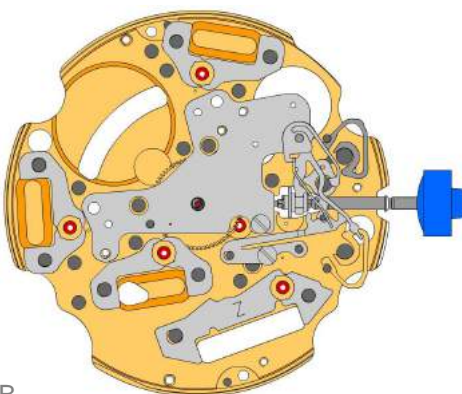


Signal generator (4.9 ms, 8 Hz):













Lower working voltage limit
M2/M3/M4 **1.20 V**

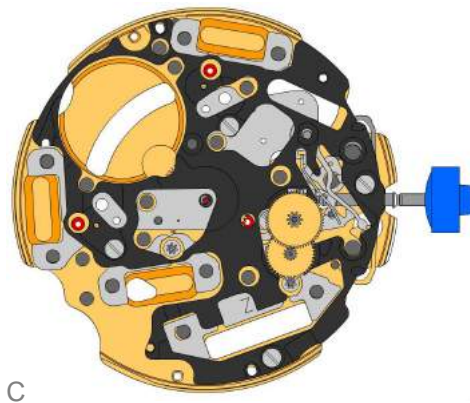


A



B

2000.574.G 1.		Werkplatte
3305.275.CO 2.		Minutenrohr mit Mitnehmer (Aig.1)
2030.032.CO 3.		Zentrumbrücke Zentrumbrücke gehalten durch 1 Schraube 4000.250.
4000.250 4.		Schraube
3001.055.FI 5.		Kupplungstrieb
3000.177.CO 6.		Stellwelle
3017.049 7.		Winkelhebel
3905.049 8.		Winkelhebelraste (3 Positionen) Winkelhebelraste gehalten durch 1 Schraube 4000.250.
4000.250 9.		Schraube
3015.081 10.		Wippe (3 Positionen)
3905.067 11.		Wippenfeder Den Federarm spannen.
3406.030 12.		Drückerraste B Graue Drückerraste zwischen den beiden Säulen auf der entfernteren Seite platzieren.
3406.038 13.		Drückerraste A Gelbe Drückerraste zwischen den beiden Säulen auf der näheren Seite platzieren.
3622.040 14.		Stator Markierung [Z] auf Stator.
3622.039 15.		Stator (Zähler 6h, 9h, Chrono)
3622.039 16.		Stator (Zähler 6h, 9h, Chrono)
3622.039 17.		Stator (Zähler 6h, 9h, Chrono)



C

3603.079
18.  Kunststoffhalterung
Kunststoffhalterung gehalten durch 4 Schrauben 4000.250.

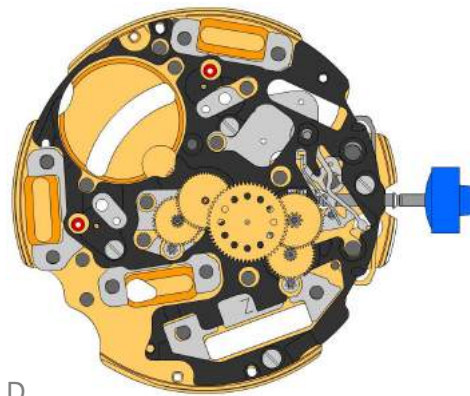
4000.250
19.  Schraube

3715.094.RK
20.  Rotor


3715.094.RK
21.  Rotor


3147.046.CO
22.  Zwischenrad

3136.142.CO
23.  Sekundenrad (lang)

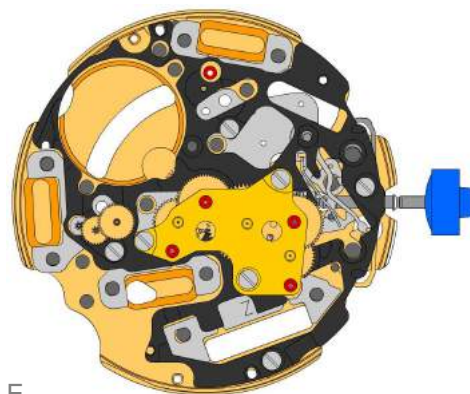


D

3147.047.CO
24.  Zwischenrad (Chrono)

3136.143.CO
25.  Chrono-Zentrumrad (Aig.1)

3122.056.CO
26.  Kleinbodenrad



E

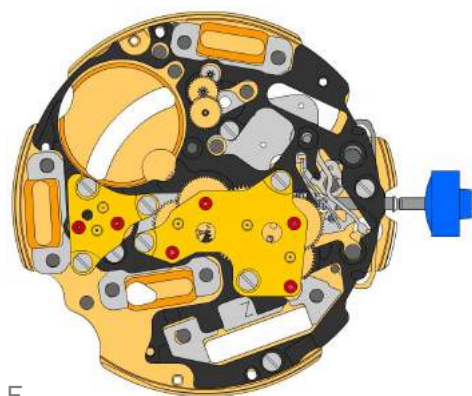
2020.148.G
27.  Räderwerkbrücke
Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.

4000.250
28.  Schraube

3715.095.RK
29.  Rotor

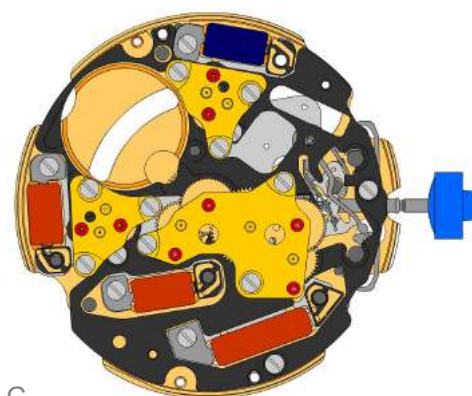
3147.048.CO
30.  Zwischenrad (Zähler)

3402.006.CO
31.  Minutenzählrad










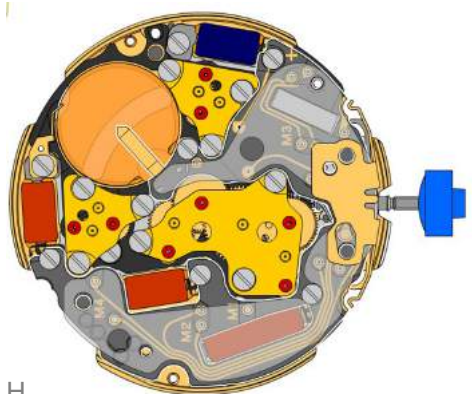
F

2020.149.G 32.		Zähler-Räderwerkbrücke Zähler-Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 33.		Schraube
3715.095.RK 34.		Rotor
3147.053.CO 35.		Zwischenrad (Zähler 1/10sek)
3402.016.CO 36.		Zählrad 1/10 sek









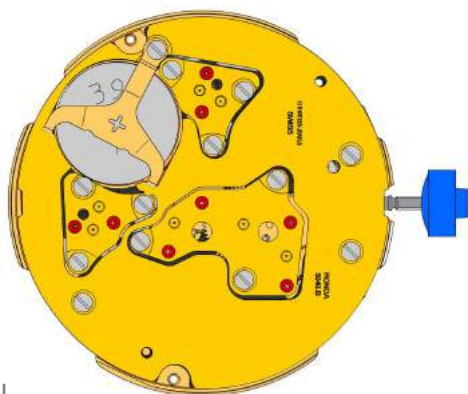
G





2020.149.G 37.		Zähler-Räderwerkbrücke Zähler-Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 38.		Schraube
3621.053.RK 39.		Spule Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.054.RK 40.		Spule (Zähler 9h, Chrono) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.054.RK 41.		Spule (Zähler 9h, Chrono) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
3621.055.RK 42.		Spule (Zähler 6h) Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.
4000.250 43.		Schraube

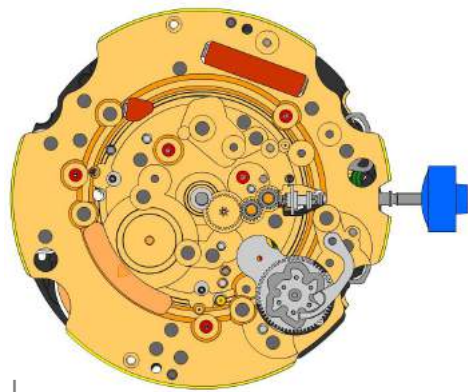


H

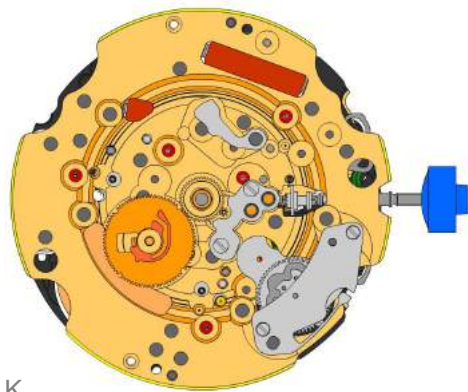
3601.118 44.		Kontaktbügel Kontaktbügel gehalten durch 1 Schraube 4000.250.
4000.250 45.		Schraube
3603.034 46.		Isolation für Batterie
3612.144.5040 47.		Elektronikmodul Elektronikmodul tenue par 5 vis 4000.248. Elektronische Messungen können nun vorgenommen werden.
4000.248 48.		Schraube
3603.069 49.		Isolation für Schaltung
3601.107.G 50.		Drückerkontaktfeder



2130.137.G.M01.5040B 51.		Deckplatte für Elektronikmodul Deckplatte für Elektronikmodul gehalten durch 3 Schrauben 4000.250.
3600.010.HGF 52.		Batterie 395
3601.109.G 53.		Bügel + Bügel gehalten durch 1 Schraube 4000.250.
4000.250 54.		Schraube

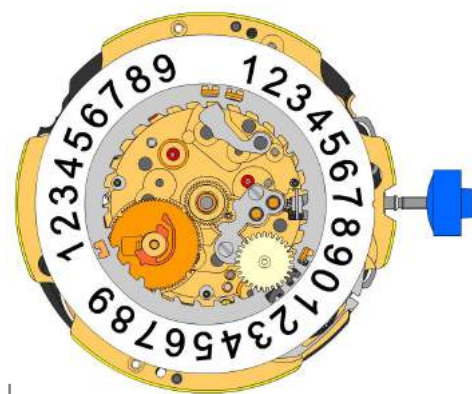


J




K


2000.574.G 55.		Werkplatte
3004.164 56.		Zeigerstellrad
3004.164 57.		Zeigerstellrad
3007.054.CO 58.		Wechselrad
2130.143 59.		Wechselradbrücke Wechselradbrücke gehalten durch 1 Schraube 4000.305.
4000.305 60.		Schraube
3004.227 61.		Zehnermitnehmerrad Kurzer Zahn des Zehnermitnehmerrades in Richtung Werkszentrum positionieren.
3500.075 62.		Zehnerraste
2130.142 63.		Halteplatte für Zehnerraste Den Federarm spannen. Halteplatte für Zehnerraste gehalten durch 2 Schrauben 4000.306.
4010.306 64.		Schraube
3301.241 65.		Stundenrad (Aig.1)
3315.016 66.		Frikionsfeder
3004.224.CO 67.		Datumanzeiger-Mitnehmerrad
3500.049 68.		Datumraste





L

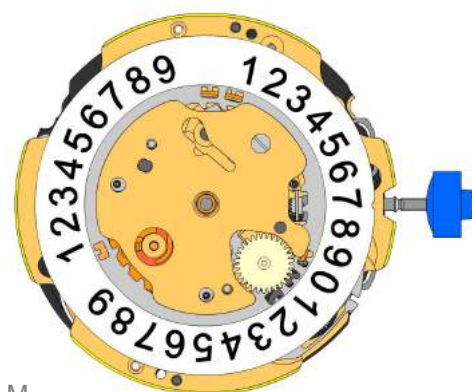
3504.214.AF.1.A
69.  Einer Anzeiger (Standard)
Einbuchtung im Disc bei 3 Uhr.

3147.054
70.  Zehnerzwischenrad

2130.141
71.  Halteplatte für Datumanzeige
Halteplatte für Datumanzeige gehalten durch 1 Schraube 4000.250.

3905.070
72.  Feder für Datumraste
Feder für Datumsraste in die Öffnung einfügen.

3504.216.AF.1.A
73.  Zehner Anzeiger (Standard)
Einbuchtung im Disc bei 3 Uhr.

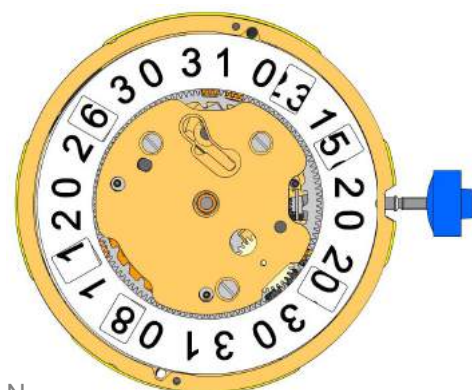


M

2130.140.G
74.  Halteplatte für Datum-Mechanismus
Halteplatte für Datum-Mechanismus gehalten durch 2 Schrauben 4000.250.

4000.250
75.  Schraube

3506.072.G
76.  Träger für Zifferblatt



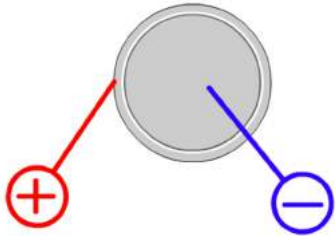
N

8200
77.  Moebius 8200

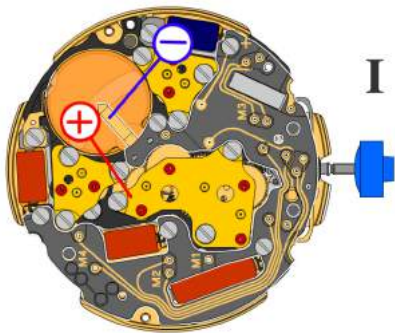
9014
78.  Moebius 9014

124
79.  Jismaa 124,

9020
80.  Moebius 9020

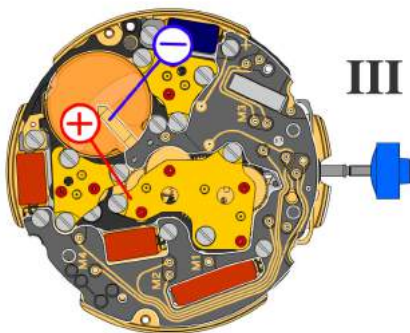


Batterie	395
Spannung	1.55 V



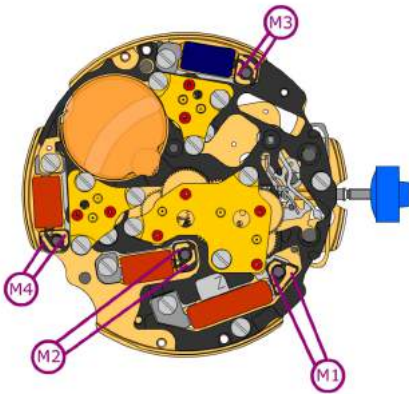
*Stellwelle in Position I, Kalender nicht im Eingriff,
60 s Messintervall für Gang und Verbrauch:*

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

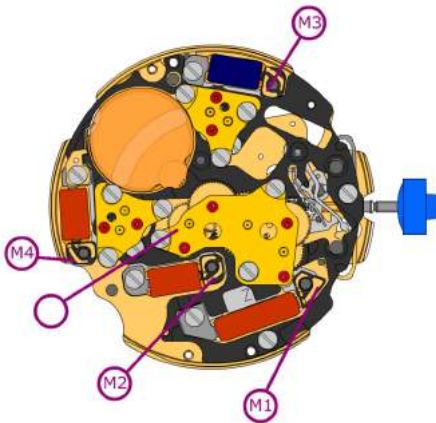


Spulenwiderstand M1 **1.90 k Ω .. 2.10 k Ω**

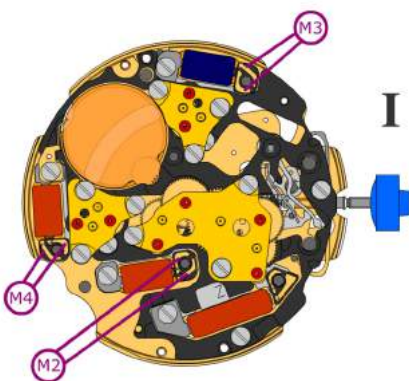
Spulenwiderstand M2 **1.68 k Ω .. 1.88 k Ω**

Spulenwiderstand M3 **1.68 k Ω .. 1.88 k Ω**

Spulenwiderstand M4 **1.68 k Ω .. 1.88 k Ω**



Spulenisolation M1/M2/M3/M4 **∞ k Ω**



Pulsgenerator (4.9 ms, 8 Hz):

Untere Funktionsspannungsgrenze M2/M3/M4 **1.20 V**