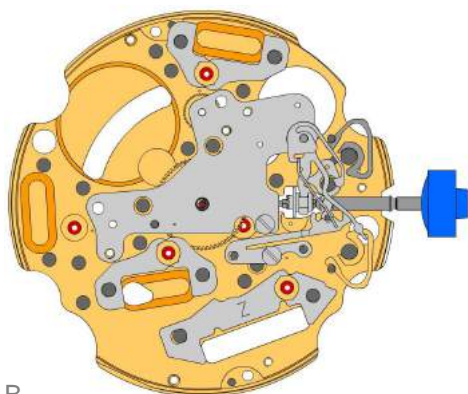
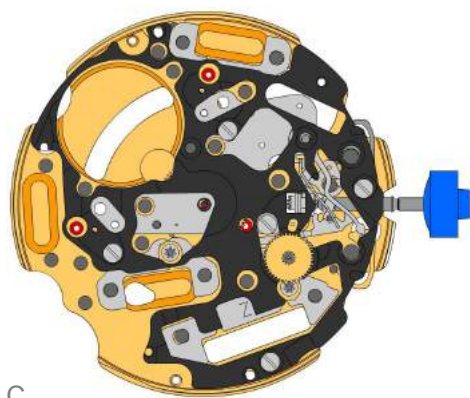


A



B

2000.574.G 1.		Platine
3305.282.CO 2.		Chaussée avec entraîneur (Aig.2)
3301.244 3.		Roue des heures (cpt 24h)
2030.024.CO 4.		Pont de centre Pont de centre tenue par 1 vis 4000.250.
4000.250 5.		Vis
3001.055.FI 6.		Pignon coulant
3000.177.CO 7.		Tige de mise à l'heure
3017.049 8.		Tirette
3905.049 9.		Sautoir de tirette (3 positions) Sautoir de tirette tenue par 1 vis 4000.250.
4000.250 10.		Vis
3015.081 11.		Bascule (3 positions)
3905.067 12.		Ressort de bascule Mise en tension du ressort.
3406.030 13.		Sautoir de poussoir B Fixer le sautoir de poussoir gris entre les deux piliers plus loin.
3406.038 14.		Sautoir de poussoir A Fixer le sautoir de poussoir jaune entre les deux piliers plus proche.
3622.040 15.		Stator Marquage [Z] sur le stator.
3622.039 16.		Stator (cpt 6h, 9h, chrono)
3622.039 17.		Stator (cpt 6h, 9h, chrono)


**C**

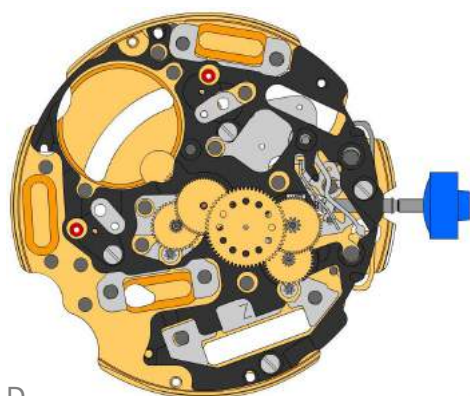
3603.079  
18.  **Potence plastique**  
Potence plastique tenue par 4 vis 4000.250.


4000.250  
19.  **Vis**


3715.094.RK  
20.  **Rotor**

3715.094.RK  
21.  **Rotor**

3147.046.CO  
22.  **Roue intermédiaire**

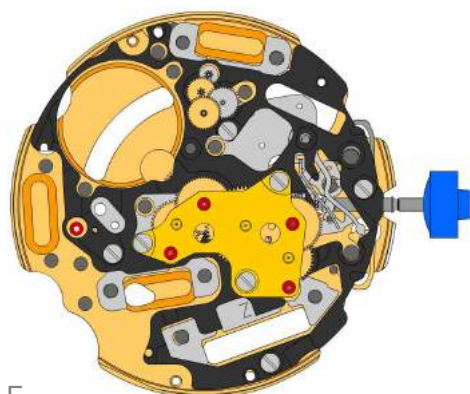

**D**

3136.148.CO  
23.  **Roue de seconde (courte)**

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

3136.144.CO  
25.  **Roue de chronographe (Aig.2)**

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**

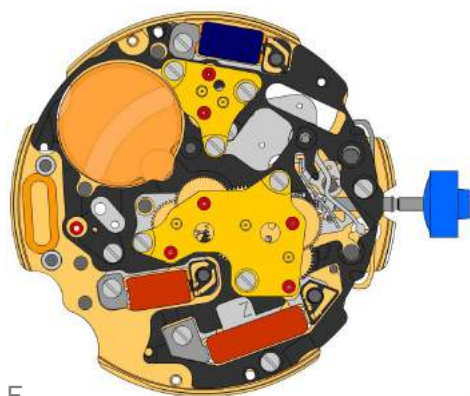
3147.048.CO  
30.  **Roue intermédiaire (cpt)**

3007.056.CO  
31.  **Roue de minuterie (cpt 24h)**


3402.008.CO  
32.  **Roue compteuse de minutes (24h)**


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


4000.250  
34.  **Vis**



F

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

3621.079.RK  
36.  **Bobine (centre)**  
Attention: Prendre la bobine uniquement par le noyau de bobine gris.  
Bobine tenue par 1 vis 4000.250.

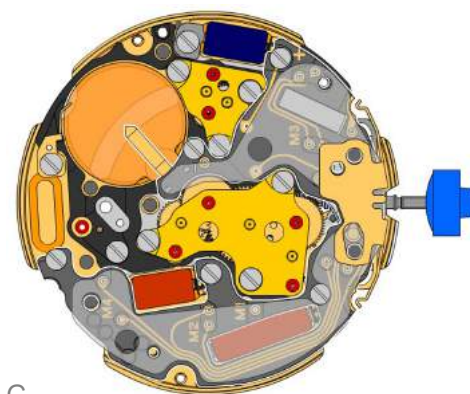
3621.055.RK  
37.  **Bobine (cpt 6h)**  
Attention: Prendre la bobine uniquement par le noyau de bobine gris.  
Bobine tenue par 1 vis 4000.250.

4000.250  
38.  **Vis**

3603.034  
39.  **Isolateur pile**

3503.071  
40.  **Tube**


3503.054  
41.  **Tube**



G

3601.118  
42.  **Bride contact**  
Bride contact tenue par 1 vis 4000.250.

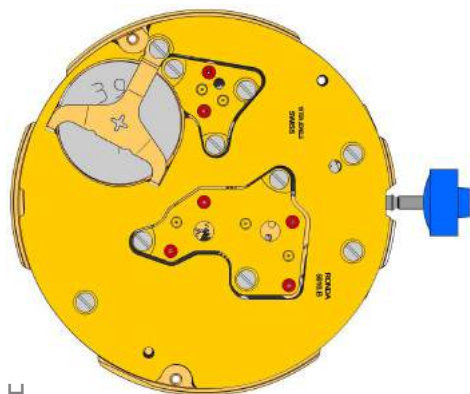
4000.250  
43.  **Vis**

3612.144.5010  
44.  **Module électronique**  
Module électronique tenue par 5 vis 4000.248. Les mesures électroniques peuvent être réalisées maintenant.


4000.248  
45.  **Vis**

3603.069  
46.  **Isolateur de circuit**

3601.107.G  
47.  **Ressort contact poussoirs**



H

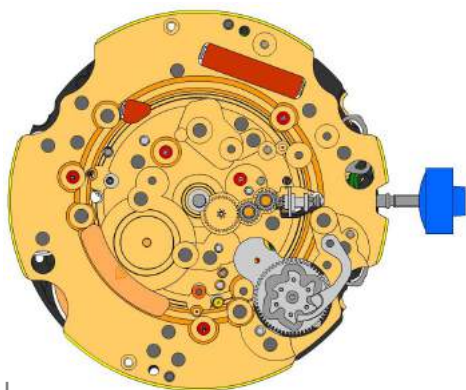
2130.139.G.M01.5010B  
48.  **Couvre-module électronique**  
Couvre-module électronique tenue par 3 vis 4000.250.

4000.250  
49.  **Vis**

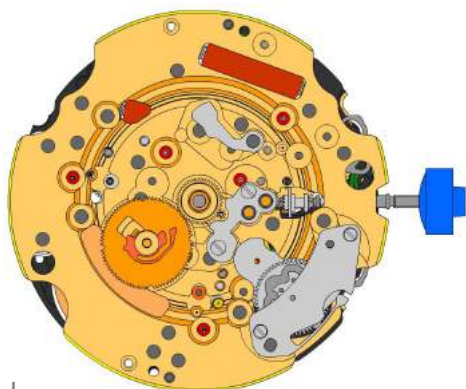
3600.010.HGF  
50.  **Pile 395**



3601.109.G  
51.  **Bride +**  
Bride tenue par 1 vis 4000.250.

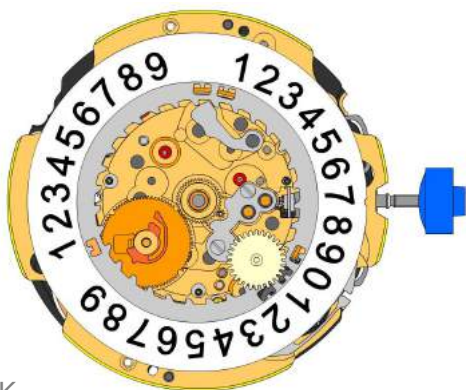
4000.250  
52.  **Vis**



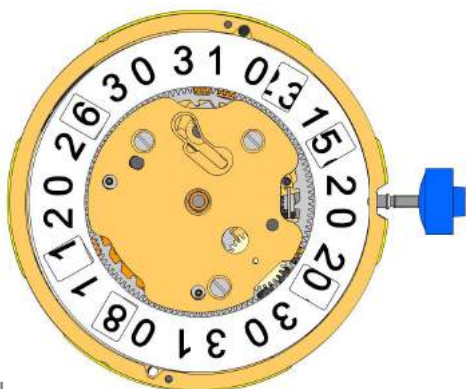
2000.574.G 53.		Platine
3004.164 54.		Renvoi
3004.164 55.		Renvoi
3007.054.CO 56.		Roue de minuterie
2130.143 57.		Pont du rouage de minuterie Pont du rouage de minuterie tenue par 2 vis 4000.305.
4000.305 58.		Vis



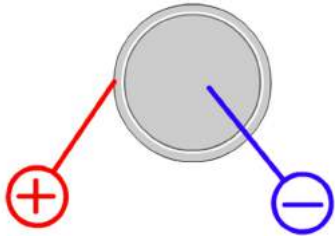
3004.227 59.		Roue entraîneuse des dizaines Positionnement de la dent courte de la roue entraîneuse des dizaines en direction le centre du mouvement.
3500.075 60.		Sautoir des dizaines
2130.142 61.		Plaque de maintien du sautoir des dizaines Plaque maintien sautoir des dizaines tenue par 2 vis 4000.306. Mise en tension du ressort.
4010.306 62.		Vis
3301.242 63.		Roue des heures (Aig.2)
3315.016 64.		Clinquant
3004.224.CO 65.		Roue entraîneuse de quantième
3500.049 66.		Sautoir de quantième


**K**

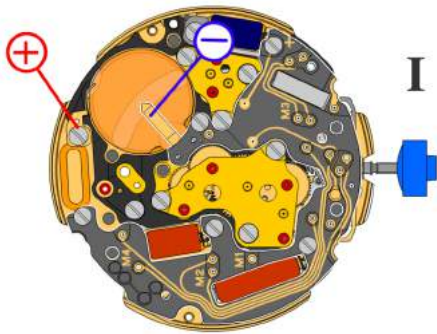
3504.214.AF.1.A 67.		Indicateur des unités (standard) Marquage de l'indicateur à 3 heures.
3147.054 68.		Roue intermédiaire dizaines
2130.141 69.		Plaque de maintien de l'indicateur de quantième Plaque maintien indicateur de quantième held by 1 screw 4000.250.
3905.070 70.		Ressort sautoir de quantième Insertion du ressort sautoir de quantième dans l'ouverture.


**L**

3504.216.AF.1.A 71.		Indicateur des dizaines (standard) Marquage de l'indicateur à 3 heures.
2130.140.G 72.		Plaque de maintien du mécanisme de quantième Plaque maintien mécanisme de quantième tenue par 2 vis 4000.250.
4000.250 73.		Vis
3506.072.G 74.		Support de cadran
9010.000 75.		Moebius 8200
9014.000 76.		Moebius 9014
9018.000 77.		Jismaa 124
9020.000 78.		Moebius 9020

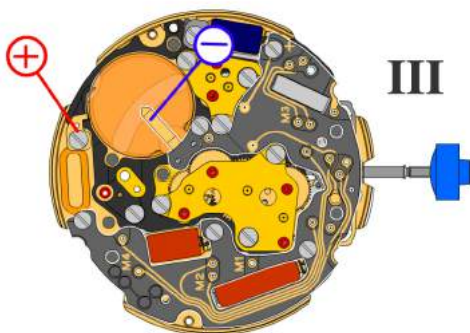


Pile	<b>395</b>
Tension	<b>1.55 V</b>



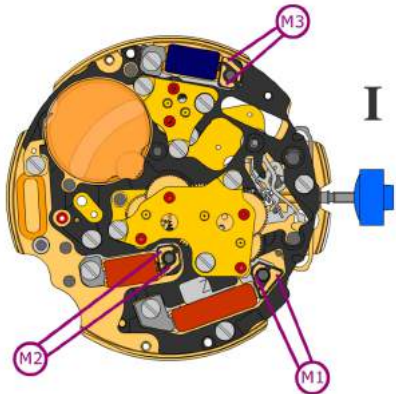
*Tige de mise à l'heure en position I, calendrier hors engrenage, intervalle de mesure 60 s pour la marche et la consommation:*

Consommation typique	<b>1.32 <math>\mu</math>A</b>
Consommation maximale	<b>1.65 <math>\mu</math>A</b>
Marche	<b>-10s/M. .. +20s/M.</b>
Limite inférieure de la tension de fonctionnement	<b>1.20 V</b>



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

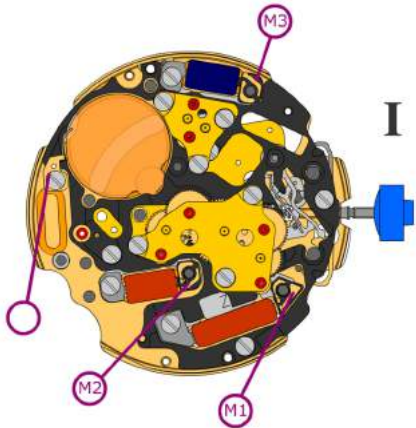
Typical consumption	<b>0.10 <math>\mu</math>A</b>
Maximal consumption	<b>0.30 <math>\mu</math>A</b>



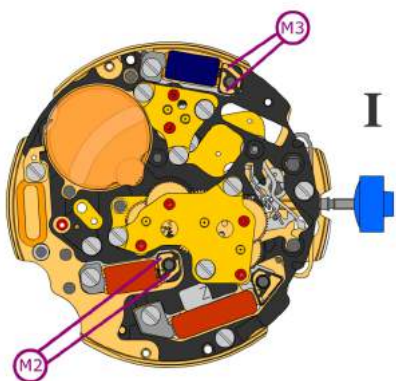
Résistance de la bobine M1      **1.90 k $\Omega$  .. 2.10 k $\Omega$**

Résistance de la bobine M2      **1.68 k $\Omega$  .. 1.88 k $\Omega$**

Résistance de la bobine M3      **1.68 k $\Omega$  .. 1.88 k $\Omega$**

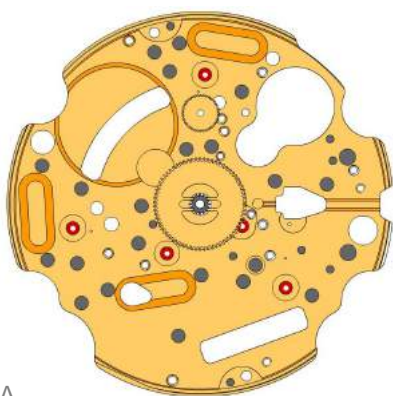


Isolation de la bobine M1/M2/M3       **$\infty$  k $\Omega$**

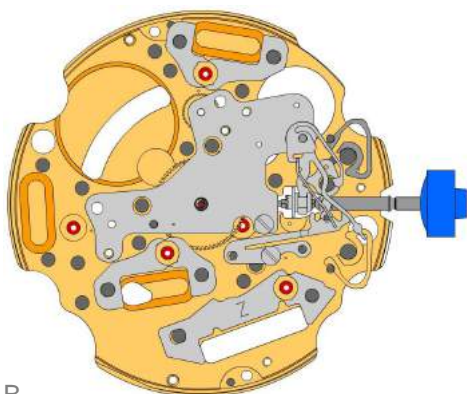


*Générateur d'impulsion*  
(4.9 ms, 8 Hz):











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



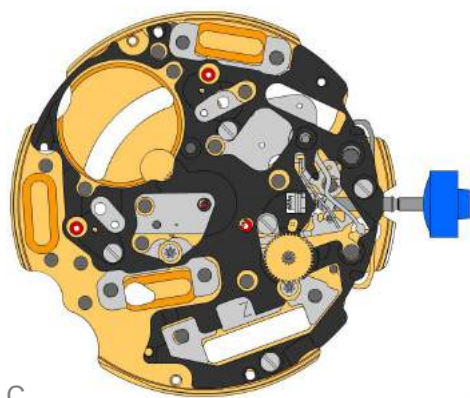
A








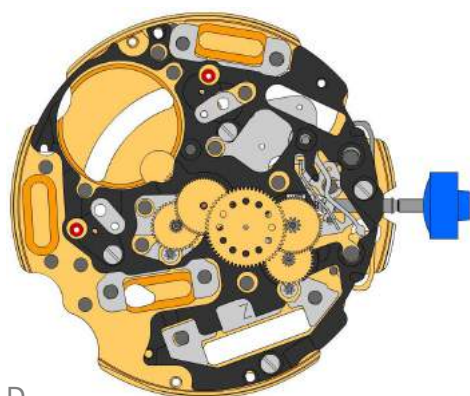
B





2000.574.G 1.		Main plate
3305.282.CO 2.		Cannon pinion with driver (Aig.2)
3301.244 3.		Hour wheel (counter 24h)
2030.024.CO 4.		Centre bridge Centre bridge held by 1 screw 4000.250.
4000.250 5.		Screw
3001.055.FI 6.		Sliding pinion
3000.177.CO 7.		Setting stem
3017.049 8.		Setting lever
3905.049 9.		Setting lever jumper (3 positions) Setting lever jumper held by 1 screw 4000.250.
4000.250 10.		Screw
3015.081 11.		Yoke (3 positions)
3905.067 12.		Yoke spring Tensioning the spring arm.
3406.030 13.		Pusher jumper B Put the grey jumper between the two posts on the further side.
3406.038 14.		Pusher jumper A Put the yellow jumper between the two posts on the closer side.
3622.040 15.		Stator Mark [Z] on stator.
3622.039 16.		Stator (counter 6h, 9h, chrono)
3622.039 17.		Stator (counter 6h, 9h, chrono)

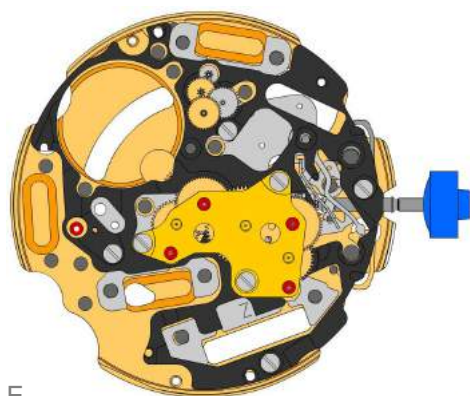











**C**

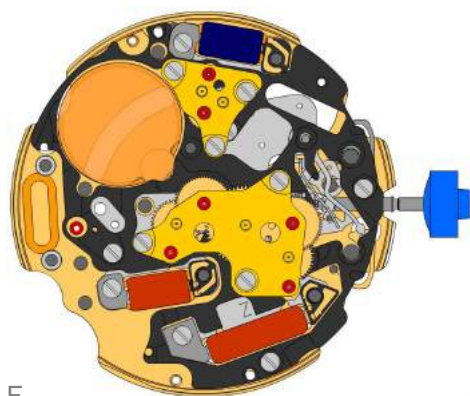
3603.079 18.		<b>Plastic bracket</b> Plastic bracket held by 4 screws 4000.250.
4000.250 19.		<b>Screw</b>
3715.094.RK 20.		<b>Rotor</b>
3715.094.RK 21.		<b>Rotor</b>
3147.046.CO 22.		<b>Intermediate wheel</b>


**D**

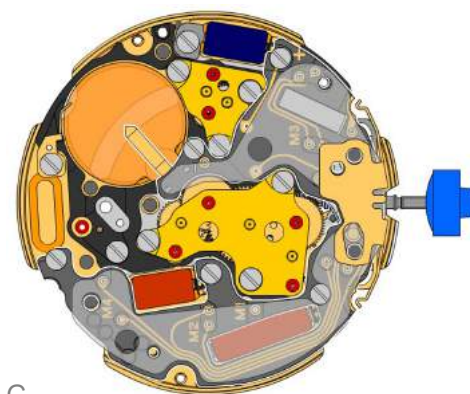
3136.148.CO 23.		<b>Second wheel (short)</b>
3147.047.CO 24.		<b>Intermediate wheel (chrono)</b>
3136.144.CO 25.		<b>Chronograph wheel (Aig.2)</b>
3122.056.CO 26.		<b>Third wheel</b>


**E**

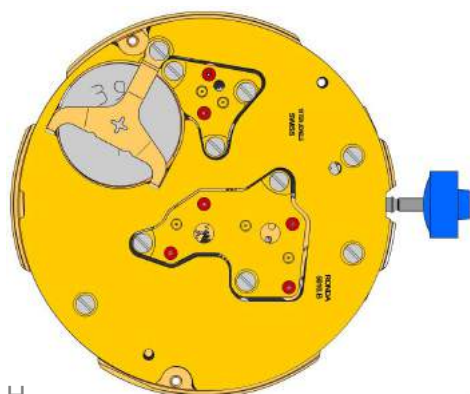
2020.148.G 27.		<b>Train wheel bridge</b> Train wheel bridge held by 3 screws 4000.250.
4000.250 28.		<b>Screw</b>
3715.095.RK 29.		<b>Rotor</b>
3147.048.CO 30.		<b>Intermediate wheel (counter)</b>
3007.056.CO 31.		<b>Minute wheel (counter 24h)</b>
3402.008.CO 32.		<b>Minute counting wheel (24h)</b>
2020.149.G 33.		<b>Counter train wheel bridge</b> Counter train wheel bridge held by 3 screws 4000.250.
4000.250 34.		<b>Screw</b>




F





G



H

3621.053.RK  
35.  **Coil**  
Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.

3621.079.RK  
36.  **Coil (centre)**  
Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.


3621.055.RK  
37.  **Coil (counter 6h)**  
Attention: Please hold the coil only on the grey coil core. Coil held by 1 screw 4000.250.

4000.250  
38.  **Screw**


3603.034  
39.  **Battery insulator**

3503.071  
40.  **Tube**


3503.054  
41.  **Tube**


3601.118  
42.  **Contact strip**  
Contact strip held by 1 screw 4000.250.


4000.250  
43.  **Screw**

3612.144.5010  
44.  **Electronic module**  
Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now.

4000.248  
45.  **Screw**


3603.069  
46.  **Circuit insulator**

3601.107.G  
47.  **Pusher contact spring**

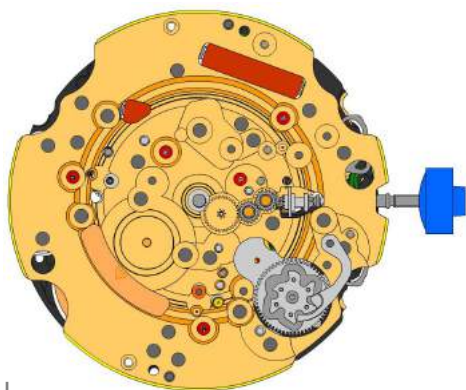
2130.139.G.M01.5010B  
48.  **Electronic module cover**  
Electronic module cover held by 3 screws 4000.250.







4000.250  
49.  **Screw**

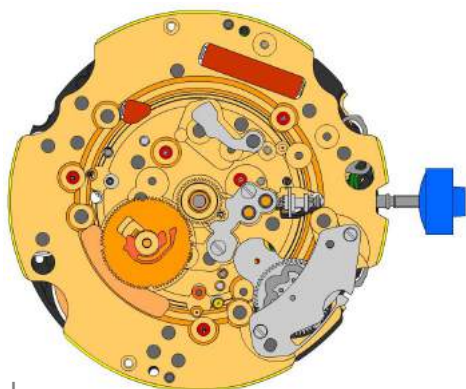
3600.010.HGF  
50.  **Battery 395**









3601.109.G  
51.  **Bridle +**  
Bridle held by 1 screw 4000.250.

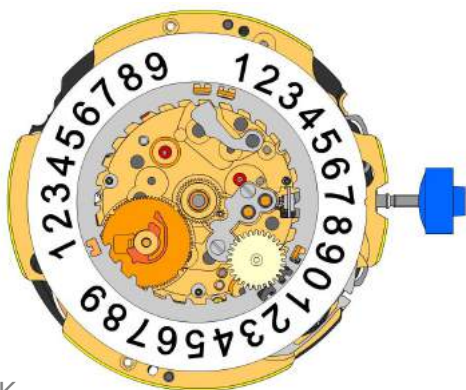
4000.250  
52.  **Screw**






**I**

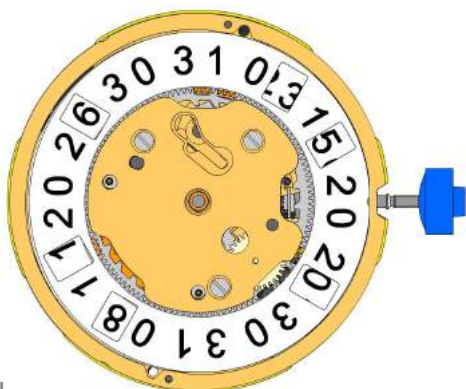
2000.574.G 53.		Main plate
3004.164 54.		Setting wheel
3004.164 55.		Setting wheel
3007.054.CO 56.		Minute wheel
2130.143 57.		Minute train bridge Minute train bridge held by 2 screws 4000.305.
4000.305 58.		Screw










**J**

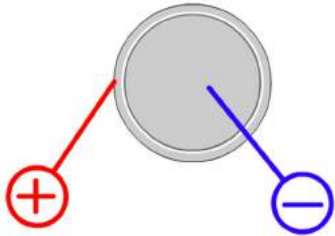
3004.227 59.		Tens indicator driving wheel The short tooth of the tens indicator driving wheel must point to the center of the movement.
3500.075 60.		Tens jumper
2130.142 61.		Tens jumper maintaining plate Tens jumper maintaining plate held by 2 screws 4000.306. Tensioning the spring arm.
4010.306 62.		Screw
3301.242 63.		Hour wheel (Aig.2)
3315.016 64.		Friction spring
3004.224.CO 65.		Date indicator driving wheel
3500.049 66.		Date jumper


**K**

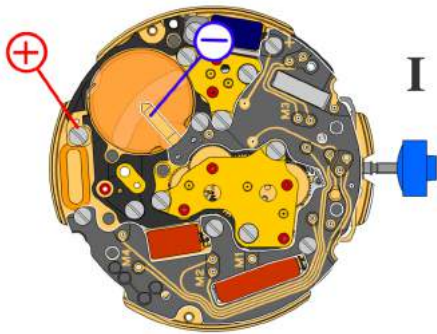
3504.214.AF.1.A 67.		<b>Units indicator (standard)</b> Nick of the indicator at 3 o'clock.
3147.054 68.		<b>Tens intermediate wheel</b>
2130.141 69.		<b>Date indicator maintaining plate</b> Date indicator maintaining plate held by 1 screw 4000.250.
3905.070 70.		<b>Date jumper spring</b> Insert the date jumper spring in the provided opening.


**L**

3504.216.AF.1.A 71.		<b>Tens indicator (standard)</b> Nick of the indicator at 3 o'clock.
2130.140.G 72.		<b>Date mechanism maintaining plate</b> Date mechanism maintaining plate held by 2 screws 4000.250.
4000.250 73.		<b>Screw</b>
3506.072.G 74.		<b>Dial support</b>
9010.000 75.		<b>Moebius 8200</b>
9014.000 76.		<b>Moebius 9014</b>
9018.000 77.		<b>Jismaa 124</b>
9020.000 78.		<b>Moebius 9020</b>

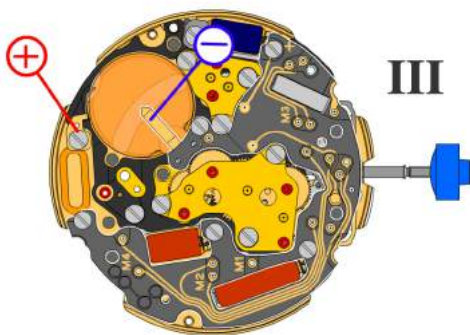


Battery	<b>395</b>
Voltage	<b>1.55 V</b>



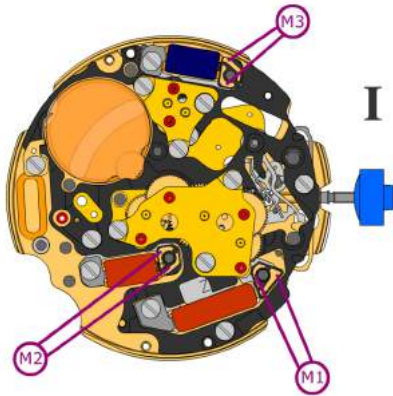
*Setting stem in position I, calendar not in gear,  
60 s measuring interval for rate and consumption:*

Typical consumption	<b>1.32 <math>\mu</math>A</b>
Maximal consumption	<b>1.65 <math>\mu</math>A</b>
Rate	<b>-10s/M. .. +20s/M.</b>
Lower working voltage limit	<b>1.20 V</b>



*Setting stem in position III, 60 s measuring interval:*

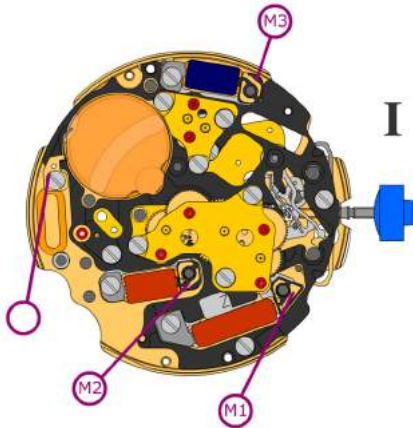
Typical consumption	<b>0.10 <math>\mu</math>A</b>
Maximal consumption	<b>0.30 <math>\mu</math>A</b>



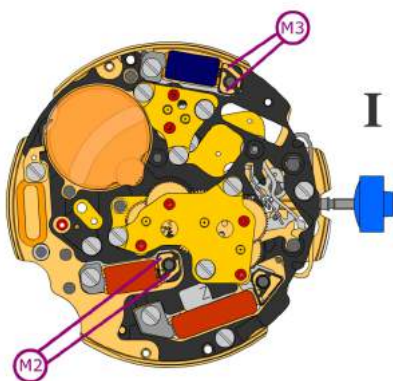
Coil resistance M1 **1.90 k $\Omega$  .. 2.10 k $\Omega$**

Coil resistance M2 **1.68 k $\Omega$  .. 1.88 k $\Omega$**

Coil resistance M3 **1.68 k $\Omega$  .. 1.88 k $\Omega$**

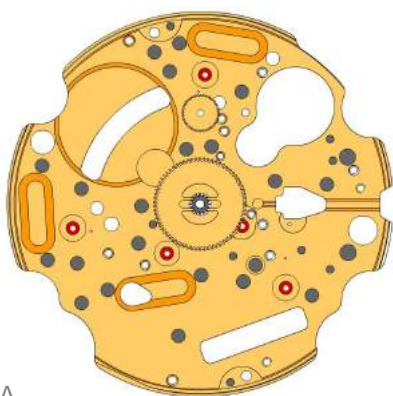


Coil isolation M1/M2/M3  **$\infty$  k $\Omega$**

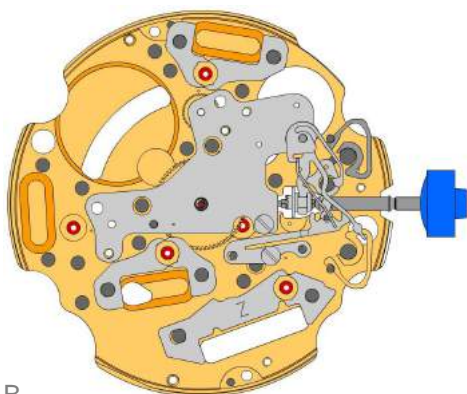


*Signal generator (4.9 ms, 8 Hz):*


















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

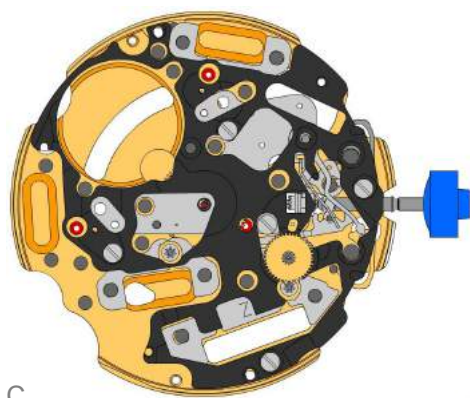


A








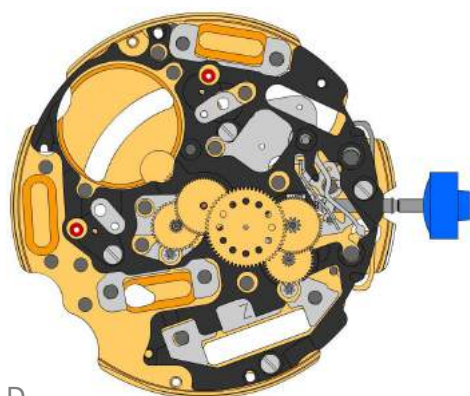
B

2000.574.G 1.		Werkplatte
3305.282.CO 2.		Minutenrohr mit Mitnehmer (Aig.2)
3301.244 3.		Stundenrad (Zähler 24h)
2030.024.CO 4.		Zentrumbrücke Zentrumbrücke gehalten durch 1 Schraube 4000.250.
4000.250 5.		Schraube
3001.055.FI 6.		Kupplungstrieb
3000.177.CO 7.		Stellwelle
3017.049 8.		Winkelhebel
3905.049 9.		Winkelhebelraste (3 Positionen) Winkelhebelraste gehalten durch 1 Schraube 4000.250.
4000.250 10.		Schraube
3015.081 11.		Wippe (3 Positionen)
3905.067 12.		Wippenfeder Den Federarm spannen.
3406.030 13.		Drückerraste B Graue Drückerraste zwischen den beiden Säulen auf der entfernteren Seite platzieren.
3406.038 14.		Drückerraste A Gelbe Drückerraste zwischen den beiden Säulen auf der näheren Seite platzieren.
3622.040 15.		Stator Markierung [Z] auf Stator.
3622.039 16.		Stator (Zähler 6h, 9h, Chrono)
3622.039 17.		Stator (Zähler 6h, 9h, Chrono)



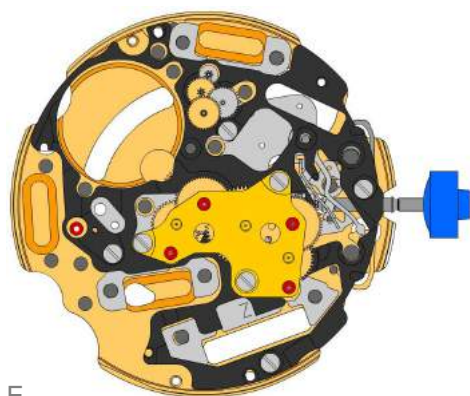
C

3603.079 18.		<b>Kunststoffhalterung</b> 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



D

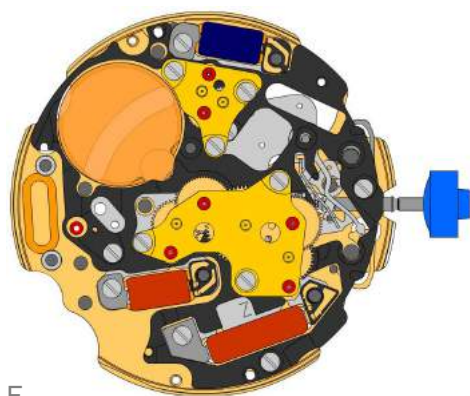
3136.148.CO 23.		Sekundenrad (kurz)
3147.047.CO 24.		Zwischenrad (Chrono)
3136.144.CO 25.		Chrono-Zentrumrad (Aig.2)
3122.056.CO 26.		Kleinbodenrad




E


2020.148.G 27.		<b>Räderwerkbrücke</b> Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 28.		Schraube
3715.095.RK 29.		Rotor
3147.048.CO 30.		Zwischenrad (Zähler)
3007.056.CO 31.		Wechselrad (Zähler 24h)
3402.008.CO 32.		Minutenzählrad (24h)
2020.149.G 33.		<b>Zähler-Räderwerkbrücke</b> Zähler-Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 34.		Schraube







F


3621.053.RK  
35.  Spule  
Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.

3621.079.RK  
36.  Spule (Zentrum)  
Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.

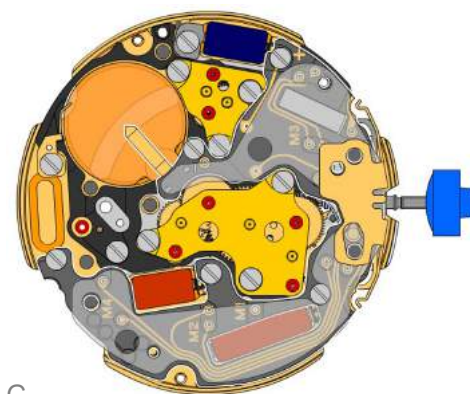
3621.055.RK  
37.  Spule (Zähler 6h)  
Achtung: Spule nur am grauen Spulenkern halten. Spule gehalten durch 1 Schraube 4000.250.

4000.250  
38.  Schraube

3603.034  
39.  Isolation für Batterie


3503.071  
40.  Lagerrohr


3503.054  
41.  Lagerrohr





G


3601.118  
42.  Kontaktbügel  
Kontaktbügel gehalten durch 1 Schraube 4000.250.

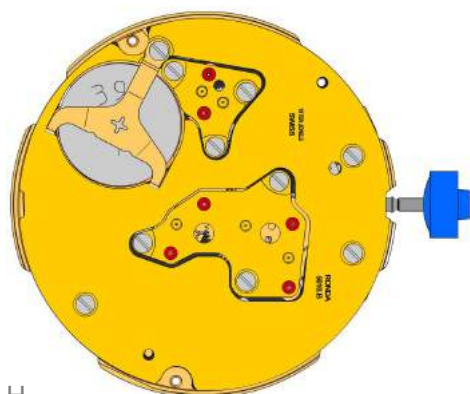
4000.250  
43.  Schraube

3612.144.5010  
44.  Elektronikmodul  
Elektronikmodul gehalten durch 5 Schrauben 4000.248. Elektronische Messungen können nun vorgenommen werden.

4000.248  
45.  Schraube

3603.069  
46.  Isolation für Schaltung

3601.107.G  
47.  Drückerkontaktfeder





H

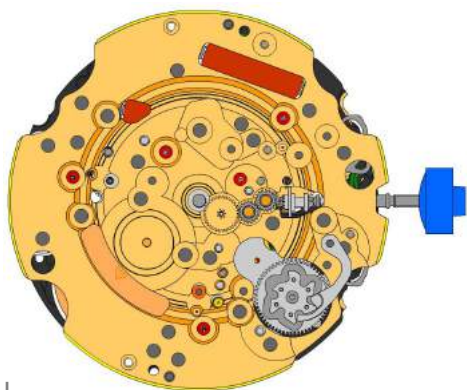
2130.139.G.M01.5010B  
48.  Deckplatte für Elektronikmodul  
Deckplatte für Elektronikmodul gehalten durch 3 Schrauben 4000.250.

4000.250  
49.  Schraube

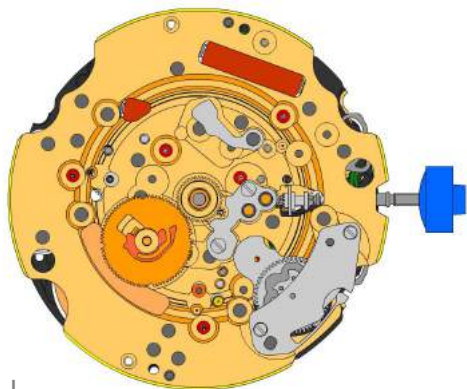
3600.010.HGF  
50.  Batterie 395





3601.109.G  
51.  Bügel +  
Bügel gehalten durch 1 Schraube 4000.250.

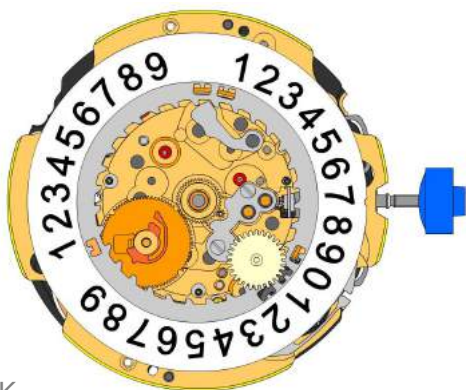
4000.250  
52.  Schraube



2000.574.G 53.		Werkplatte
3004.164 54.		Zeigerstellrad
3004.164 55.		Zeigerstellrad
3007.054.CO 56.		Wechselrad
2130.143 57.		Wechselradbrücke Wechselradbrücke gehalten durch 2 Schrauben 4000.305.
4000.305 58.		Schraube

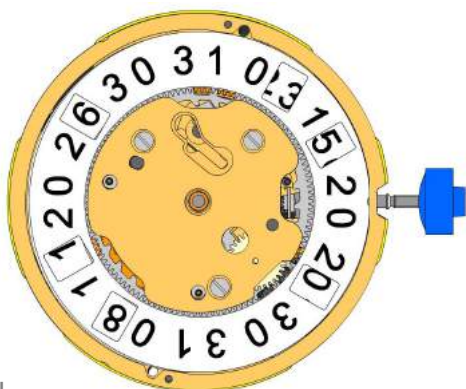


3004.227 59.		Zehnermitnehmerrad Kurzer Zahn des Zehnermitnehmerrades in Richtung Werkszentrum positionieren.
3500.075 60.		Zehneraste
2130.142 61.		Halteplatte für Zehneraste Halteplatte für Zehneraste gehalten durch 2 Schrauben 4000.306. Den Federarm spannen.
4010.306 62.		Schraube
3301.242 63.		Stundenrad (Aig.2)
3315.016 64.		Frikionsfeder
3004.224.CO 65.		Datumanzeiger-Mitnehmerrad
3500.049 66.		Datumraste











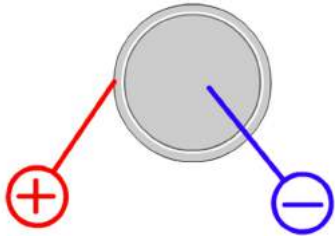
K

3504.214.AF.1.A 67.		Einer Anzeiger (Standard) Einbuchtung im Disc bei 3 Uhr.
3147.054 68.		Zehnerzwischenrad
2130.141 69.		Halteplatte für Datumanzeige Halteplatte für Datumanzeige gehalten durch 1 Schraube 4000.250.
3905.070 70.		Feder für Datumraste Feder für Datumsraste in die Öffnung einfügen.

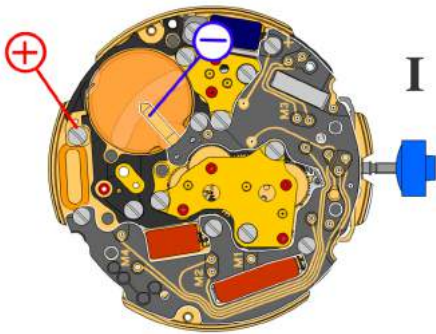


L

3504.216.AF.1.A 71.		Zehner Anzeiger (Standard) Einbuchtung im Disc bei 3 Uhr.
2130.140.G 72.		Halteplatte für Datum-Mechanismus Halteplatte für Datum-Mechanismus gehalten durch 2 Schrauben 4000.250.
4000.250 73.		Schraube
3506.072.G 74.		Träger für Zifferblatt
8200 75.		Moebius 8200
9014 76.		Moebius 9014
124 77.		Jismaa 124
9020 78.		Moebius 9020

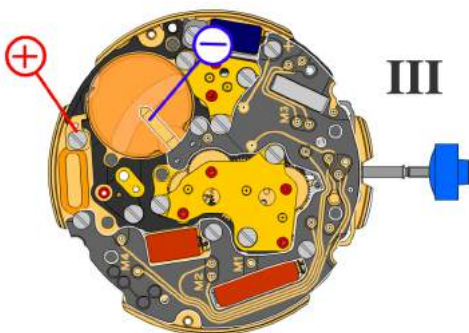


Batterie	<b>395</b>
Spannung	<b>1.55 V</b>



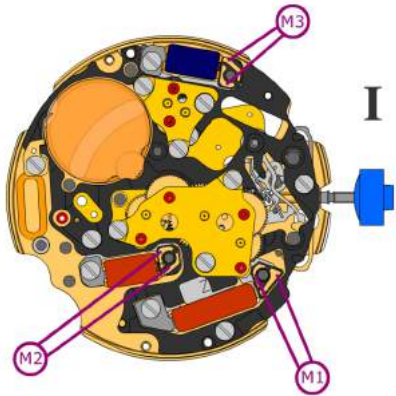
*Stellwelle in Position I, Kalender nicht im Eingriff,  
60 s Messintervall für Gang und Verbrauch:*

Typischer Verbrauch	<b>1.32 <math>\mu</math>A</b>
Maximaler Verbrauch	<b>1.65 <math>\mu</math>A</b>
Gang	<b>-10s/M. .. +20s/M.</b>
Untere Funktionsspannungsgrenze	<b>1.20 V</b>



*Stellwelle in Position III, 60 s Messintervall:*

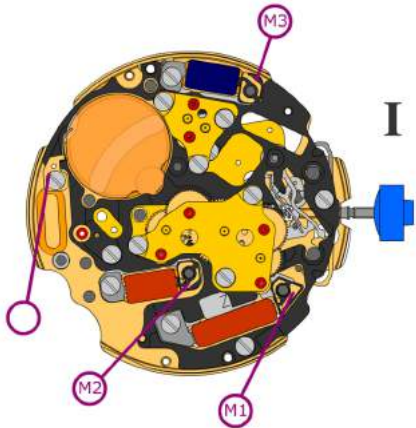
Typischer Verbrauch	<b>0.10 <math>\mu</math>A</b>
Maximaler Verbrauch	<b>0.30 <math>\mu</math>A</b>



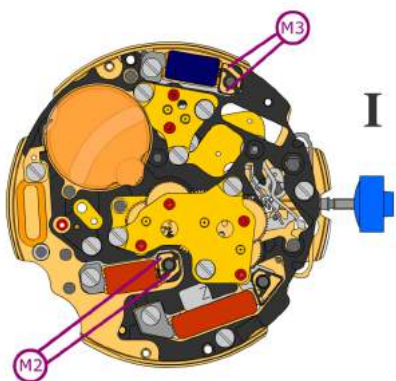
Spulenwiderstand M1 **1.90 k $\Omega$  .. 2.10 k $\Omega$**

Spulenwiderstand M2 **1.68 k $\Omega$  .. 1.88 k $\Omega$**

Spulenwiderstand M3 **1.68 k $\Omega$  .. 1.88 k $\Omega$**



Spulenisolation M1/M2/M3  **$\infty$  k $\Omega$**



*Pulsgenerator (4.9 ms, 8 Hz):*

Untere Funktionsspannungsgrenze M2/M3 **1.20 V**