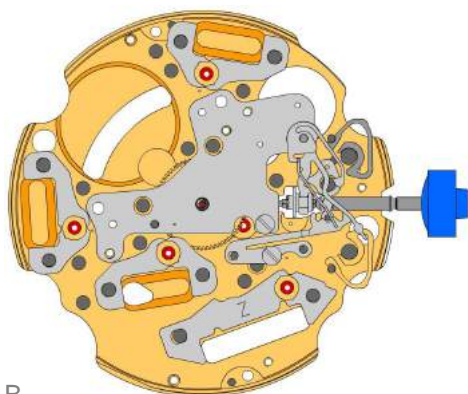
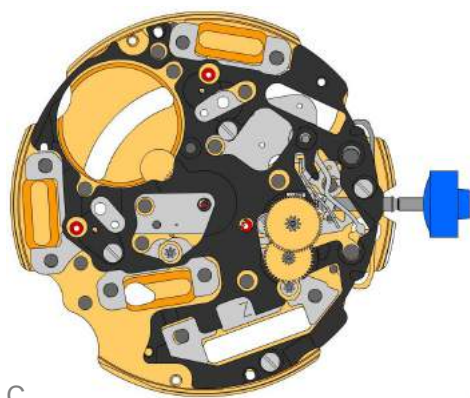


A



B

2000.574.G 1.		Platine
3305.275.CO 2.		Chaussée avec entraîneur (Aig.1)
2030.017.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 et chrono)
3622.039 16.		Stator (cpt 6h, 9h et chrono)
3622.039 17.		Stator (cpt 6h, 9h et chrono)


**C**


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

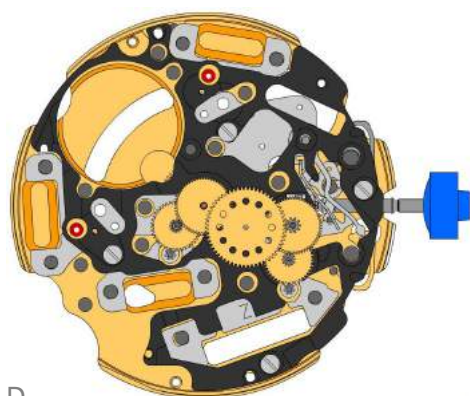
4000.250  
19.  **Vis**


3715.094.RK  
20.  **Rotor**

3715.094.RK  
21.  **Rotor**

3147.046.CO  
22.  **Roue intermédiaire**

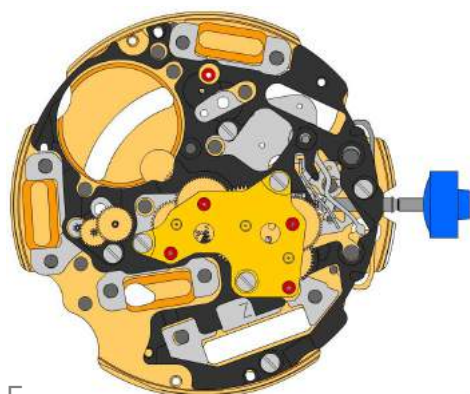
3136.142.CO  
23.  **Roue de seconde (longue)**


**D**

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


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

3122.056.CO  
26.  **Roue moyenne**


**E**

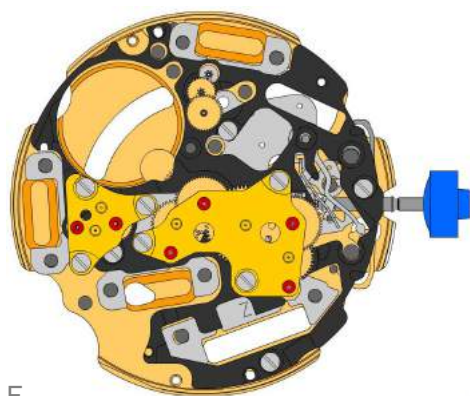
2020.148.G  
27.  **Pont de rouage**  
Pont de rouage tenue par 3 vis 4000.250.






4000.250  
28.  **Vis**

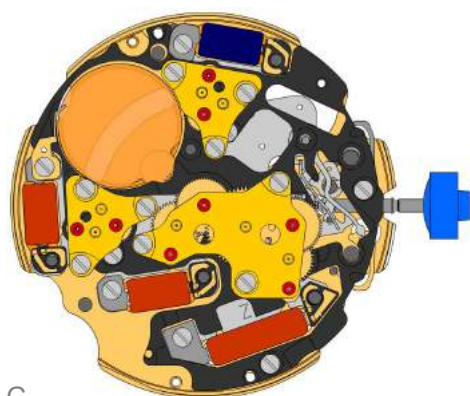
3715.095.RK  
29.  **Rotor**

3147.059.CO  
30.  **Roue intermédiaire (cpt)**

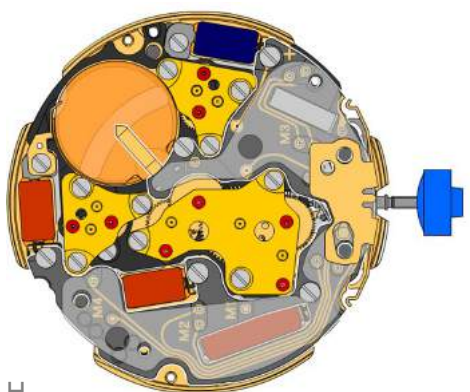
3402.006.CO  
31.  **Roue compteuse de minutes**


**F**

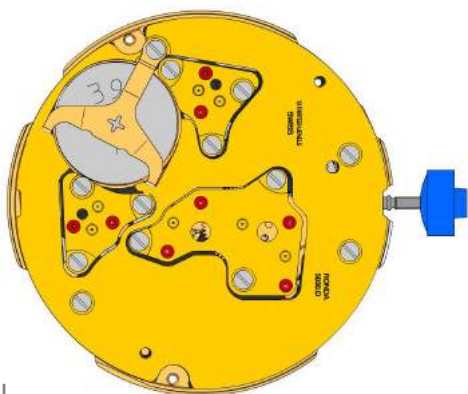
2020.149.G 32.		<b>Pont de rouage compteur</b> Pont de rouage compteur tenue par 3 vis 4000.250.
4000.250 33.		Vis
3715.104.RK 34.		Rotor
3147.059.CO 35.		Roue intermédiaire (cpt 12h)
3402.006.CO 36.		Roue compteuse de minutes



**G**

2020.149.G 37.		<b>Pont de rouage compteur</b> Pont de rouage compteur tenue par 3 vis 4000.250.
4000.250 38.		Vis
3621.053.RK 39.		<b>Bobine</b> Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
3621.054.RK 40.		<b>Bobine (cpt 9h, chrono)</b> Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
3621.054.RK 41.		<b>Bobine (cpt 9h, chrono)</b> Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
3621.055.RK 42.		<b>Bobine (cpt 6h)</b> Attention: Prendre la bobine uniquement par le noyau de bobine gris. Bobine tenue par 1 vis 4000.250.
4000.250 43.		Vis
3601.118 44.		<b>Bride contact</b> Bride contact tenue par 1 vis 4000.250.
4000.250 45.		Vis
3603.034 46.		Isolateur pile


**H**

3612.210.5030 47.		<b>Module électronique</b> 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



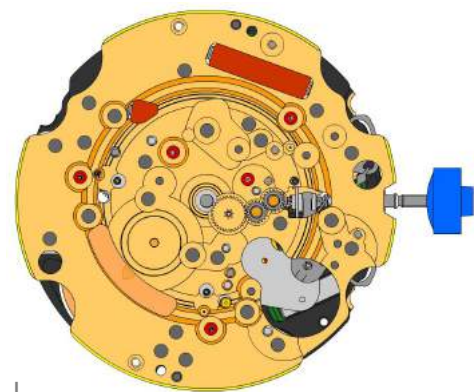
2130.137.G.M01.5030D  
51.  **Couvre-module électronique**  
Couvre-module électronique held by 3 screws 4000.250.

3600.010.HGF  
52.  **Pile 395**

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

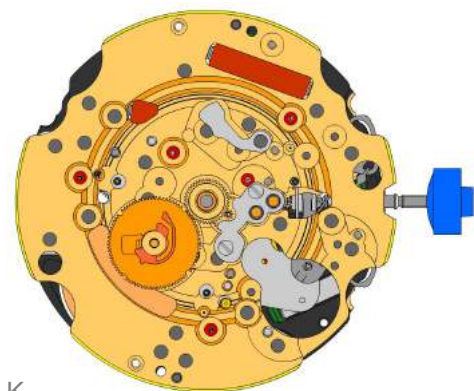
4000.250  
54.  **Vis**





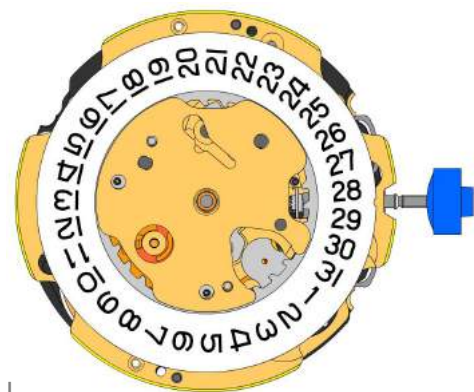
J

2000.574.G 55.		Platine
3004.164 56.		Renvoi
3004.164 57.		Renvoi
3007.054.CO 58.		Roue de minuterie





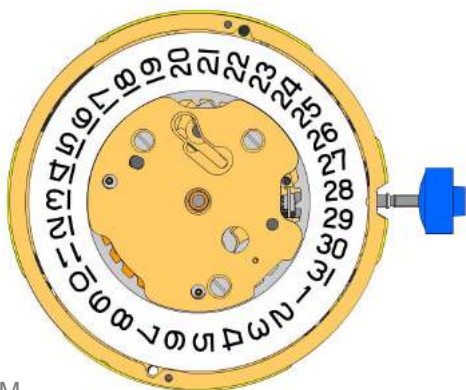
K

2130.143 59.		Pont du rouage de minuterie Pont du rouage de minuterie tenue par 2 vis 4000.305.
4000.305 60.		Vis
3301.241 61.		Roue des heures (Aig.1)
3315.016 62.		Clinquant
3004.224.CO 63.		Roue entraîneuse de quantième
3500.049 64.		Sautoir de quantième










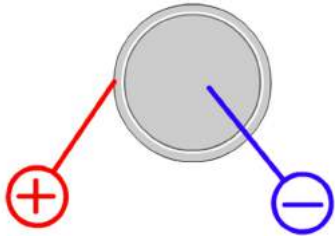
L

3504.208.AB.1.A 65.		Indicateur de quantième (standard) Marquage de l'indicateur à 3 heures.
2130.141 66.		Plaque de maintien de l'indicateur de quantième Plaque maintien indicateur de quantième tenue par 1 vis 4000.250.

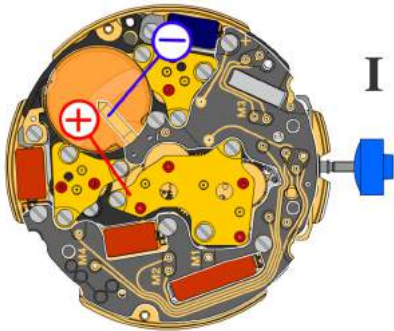


M

3905.070 67.		<b>Ressort sautoir de quantième</b> Insertion du ressort sautoir de quantième dans l'ouverture.
2130.140.G 68.		<b>Plaque de maintien du mécanisme de quantième</b> Plaque maintien mécanisme de quantième tenue par 2 vis 4000.250.
4000.250 69.		<b>Vis</b>
3506.072.G 70.		<b>Support de cadran</b>
8200 71.		<b>Moebius 8200</b>
9014 72.		<b>Moebius 9014</b>
124 73.		<b>Jismaa 124</b>
9020 74.		<b>Moebius 9020</b>

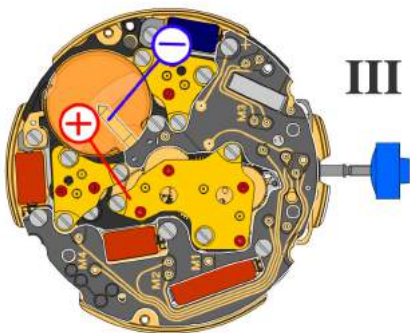


Pile	<b>395</b>
Tension	<b>1.55 V</b>



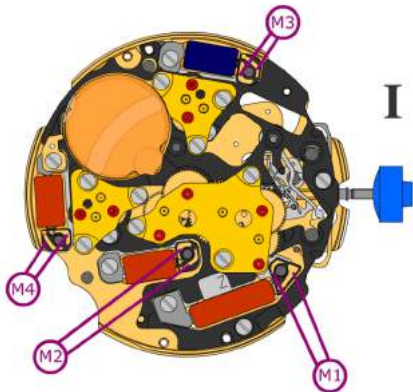
*Tige de mise à l'heure en position I, calendrier hors engrenage, intervalle de mesure 60 s pour la marche et la consommation:*

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>

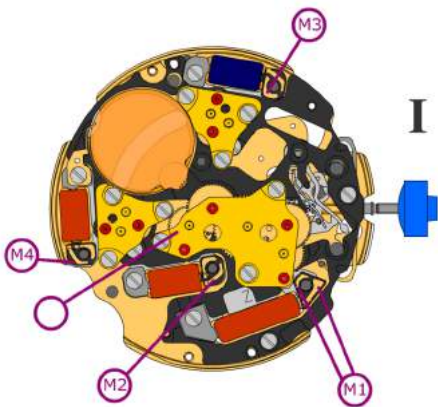


Résistance de la bobine M1 **1.90 k $\Omega$  .. 2.10 k $\Omega$**

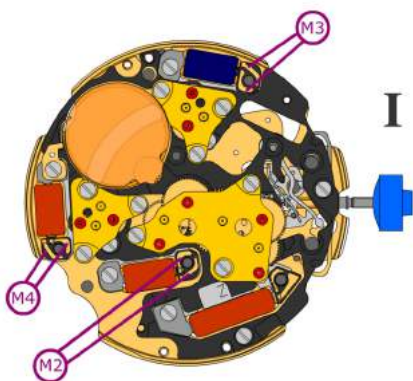
Résistance de la bobine M2 **1.68 k $\Omega$  .. 1.88 k $\Omega$**

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

Résistance de la bobine M4 **1.68 k $\Omega$  .. 1.88 k $\Omega$**



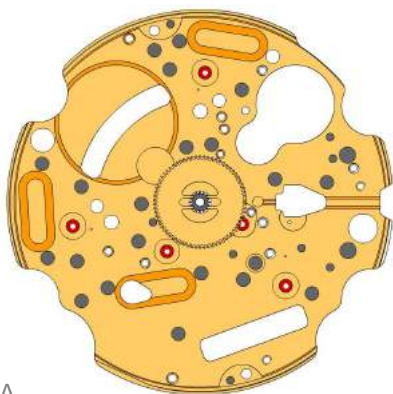
Isolation de la bobine  
M1/M2/M3/M4  **$\infty$  k $\Omega$**



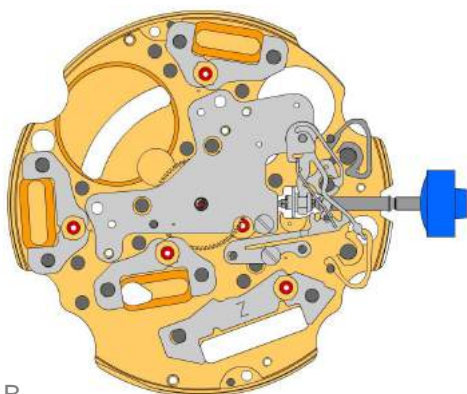
*Générateur d'impulsion*  
(4.9 ms, 8 Hz):

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

















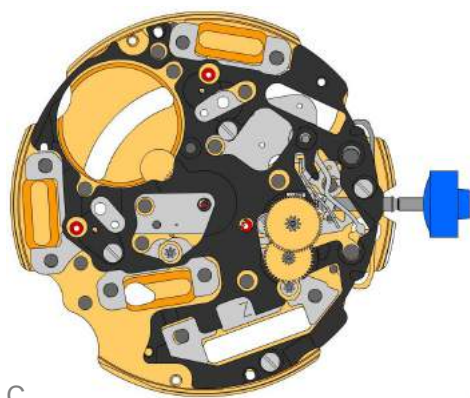








A

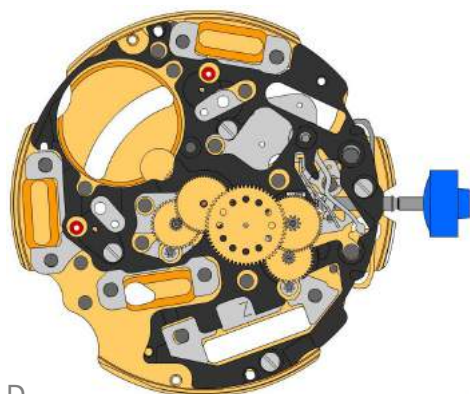





B

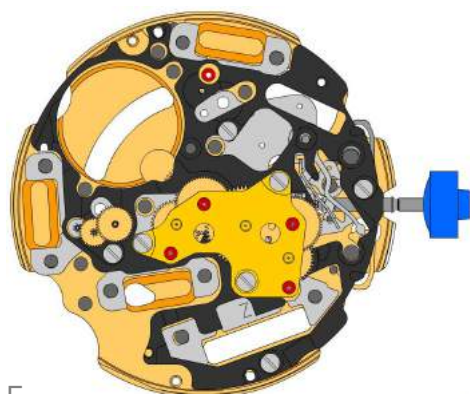
2000.574.G 1.		Main plate
3305.275.CO 2.		Cannon pinion with driver (Aig.1)
2030.017.CO 3.		Centre bridge Centre bridge held by 1 screw 4000.250.
4000.250 4.		Screw
3001.055.FI 5.		Sliding pinion
3000.177.CO 6.		Setting stem
3017.049 7.		Setting lever
3905.049 8.		Setting lever jumper (3 positions) Setting 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 and chrono)
3622.039 16.		Stator (counter 6h, 9h and chrono)
3622.039 17.		Stator (counter 6h, 9h and chrono)







**C**

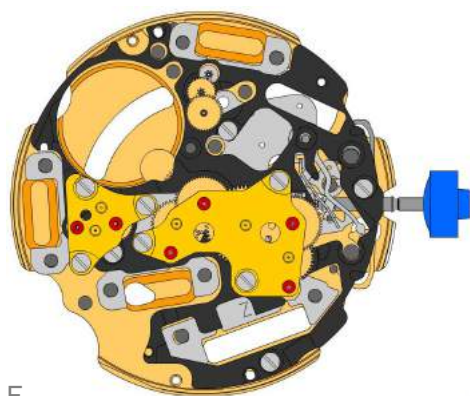
3603.079 18.		<b>Plastic bracket</b> Plastic bracket held by 4 screws 4000.250.
4000.250 19.		<b>Screw</b>
3715.094.RK 20.		<b>Rotor</b>
3715.094.RK 21.		<b>Rotor</b>
3147.046.CO 22.		<b>Intermediate wheel</b>
3136.142.CO 23.		<b>Second wheel (long)</b>







**D**

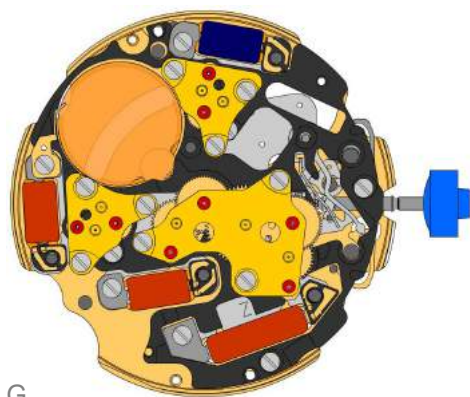
3147.047.CO 24.		<b>Intermediate wheel (chrono)</b>
3136.143.CO 25.		<b>Chronograph wheel (Aig.1)</b>
3122.056.CO 26.		<b>Third wheel</b>








**E**

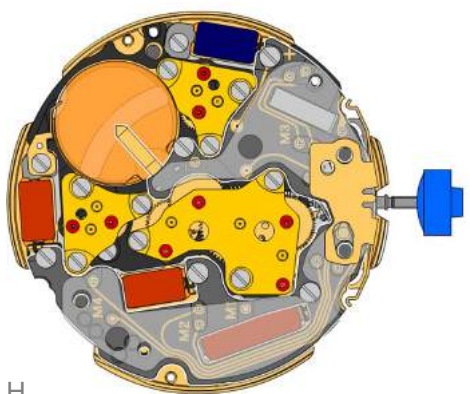
2020.148.G 27.		<b>Train wheel bridge</b> Train wheel bridge held by 3 screws 4000.250.
4000.250 28.		<b>Screw</b>
3715.095.RK 29.		<b>Rotor</b>
3147.059.CO 30.		<b>Intermediate wheel (counter)</b>
3402.006.CO 31.		<b>Minute counting wheel</b>










**F**

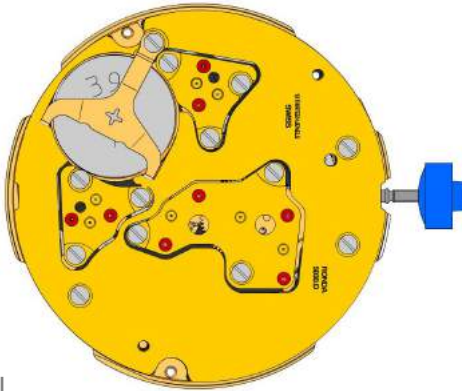
2020.149.G 32.		<b>Counter train wheel bridge</b> Counter train wheel bridge held by 3 screws 4000.250.
4000.250 33.		<b>Screw</b>
3715.104.RK 34.		<b>Rotor</b>
3147.059.CO 35.		<b>Intermediate wheel (counter 12h)</b>
3402.006.CO 36.		<b>Minute counting wheel</b>


**G**

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



**H**

4000.250 43.		<b>Screw</b>
3601.118 44.		<b>Contact strip</b> Contact strip held by 1 screw 4000.250.
4000.250 45.		<b>Screw</b>
3603.034 46.		<b>Battery insulator</b>
3612.210.5030 47.		<b>Electronic module</b> Electronic module held by 5 screws 4000.248. Electronic measurements may be realised now.
4000.248 48.		<b>Screw</b>
3603.069 49.		<b>Circuit insulator</b>
3601.107.G 50.		<b>Pusher contact spring</b>



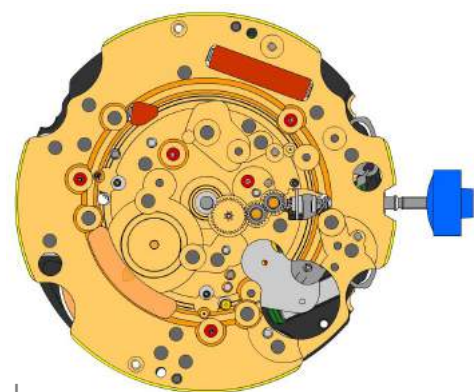
2130.137.G.M01.5030D  
51.  **Electronic module cover**  
Electronic module cover held by 3 screws 4000.250.

3600.010.HGF  
52.  **Battery 395**





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

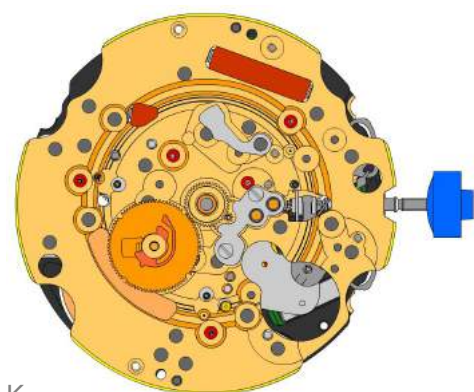
4000.250  
54.  **Screw**











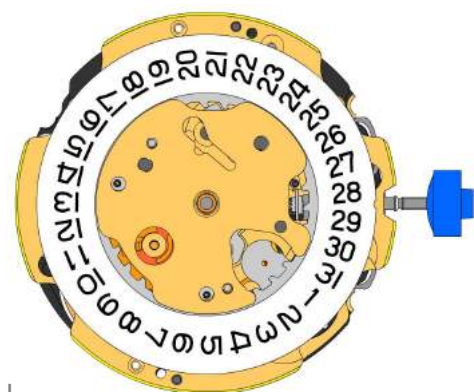
J

2000.574.G 55.		Main plate
3004.164 56.		Setting wheel
3004.164 57.		Setting wheel
3007.054.CO 58.		Minute wheel





K

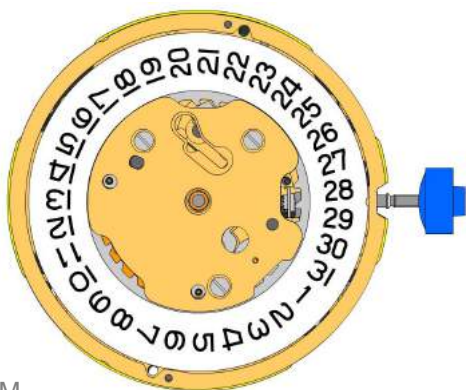
2130.143 59.		Minute train bridge Minute train bridge held by 2 screws 4000.305.
4000.305 60.		Screw
3301.241 61.		Hour wheel (Aig.1)
3315.016 62.		Friction spring
3004.224.CO 63.		Date indicator driving wheel
3500.049 64.		Date jumper











L

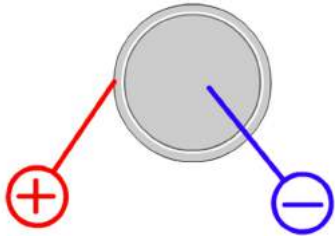
3504.208.AB.1.A 65.		Date indicator (standard) Nick of the indicator at 3 o'clock.
2130.141 66.		Date indicator maintaining plate Date indicator maintaining plate held by 1 screw 4000.250.



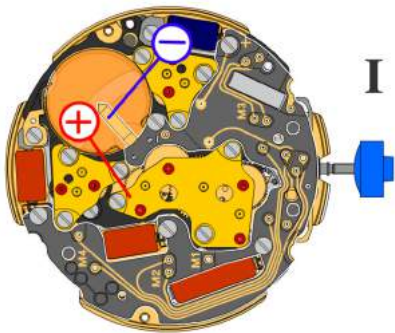


M

3905.070 67.		<b>Date jumper spring</b> Insert the date jumper spring in the provided opening.
2130.140.G 68.		<b>Date mechanism maintaining plate</b> Date mechanism maintaining plate held by 2 screws 4000.250.
4000.250 69.		<b>Screw</b>
3506.072.G 70.		<b>Dial support</b>
8200 71.		<b>Moebius 8200</b>
9014 72.		<b>Moebius 9014</b>
124 73.		<b>Jismaa 124</b>
9020 74.		<b>Moebius 9020</b>

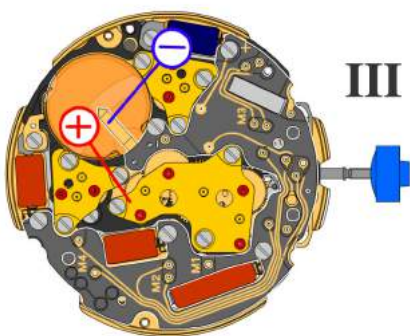


Battery	<b>395</b>
Voltage	<b>1.55 V</b>



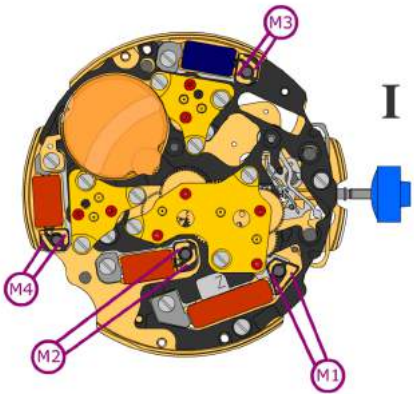
*Setting stem in position I, calendar not in gear,  
60 s measuring interval for rate and consumption:*

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>

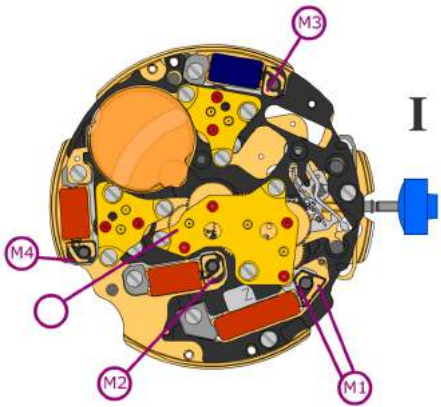


Coil resistance M1 **1.90 k $\Omega$  .. 2.10 k $\Omega$**

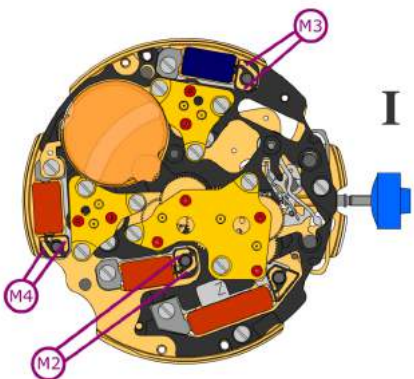
Coil resistance M2 **1.68 k $\Omega$  .. 1.88 k $\Omega$**

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

Coil resistance M4 **1.68 k $\Omega$  .. 1.88 k $\Omega$**

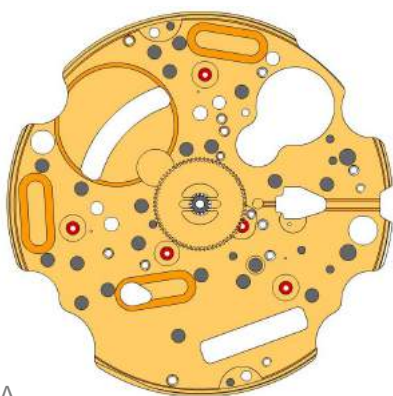


Coil resistance M1/M2/M3/M4  **$\infty$  k $\Omega$**

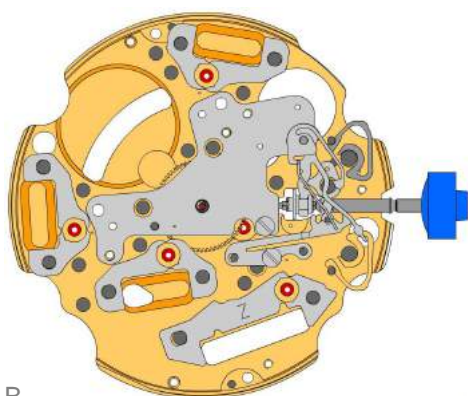


*Signal generator (4.9 ms, 8 Hz):*


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

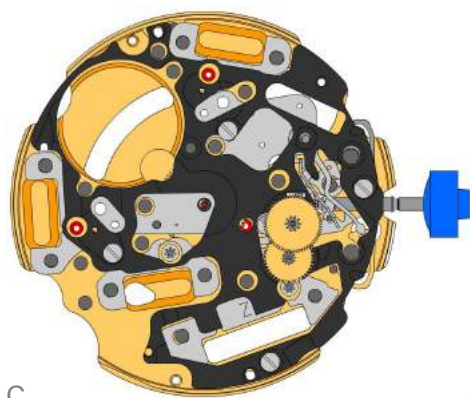


A



B

2000.574.G 1.		Werkplatte
3305.275.CO 2.		Minutenrohr mit Mitnehmer (Aig.1)
2030.017.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

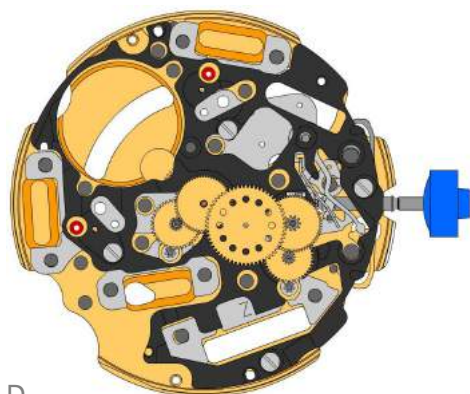
 3603.079  
18.  Kunststoffhalterung  
Kunststoffhalterung gehalten durch 4 Schrauben 4000.250.

 4000.250  
19.  Schraube


 3715.094.RK  
20.  Rotor


 3715.094.RK  
21.  Rotor

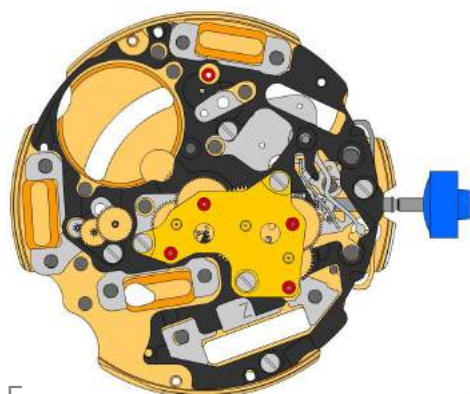
 3147.046.CO  
22.  Zwischenrad

 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.

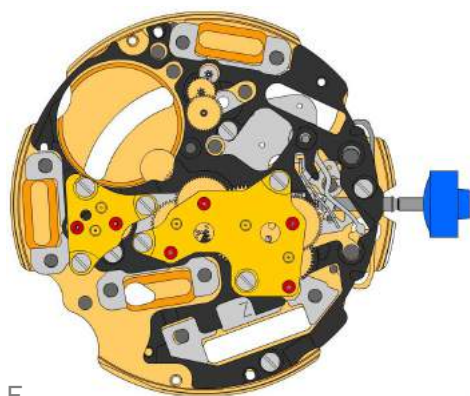
 4000.250  
28.  Schraube

 3715.095.RK  
29.  Rotor






 3147.059.CO  
30.  Zwischenrad (Zähler)

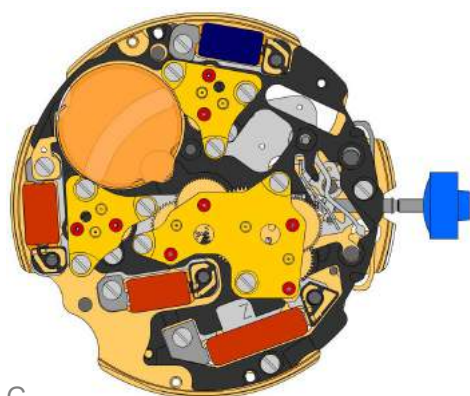
 3402.006.CO  
31.  Minutenzählrad















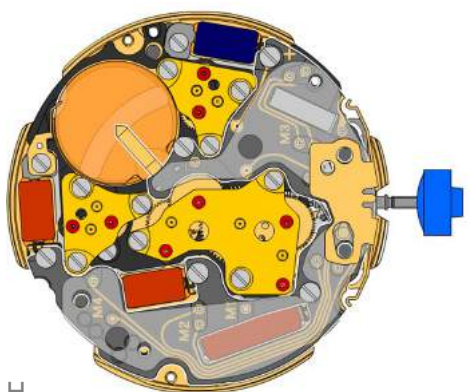
F

2020.149.G 32.		Zähler-Räderwerkbrücke Zähler-Räderwerkbrücke gehalten durch 3 Schrauben 4000.250.
4000.250 33.		Schraube
3715.104.RK 34.		Rotor
3147.059.CO 35.		Zwischenrad (Zähler 12h)
3402.006.CO 36.		Minutenzählrad



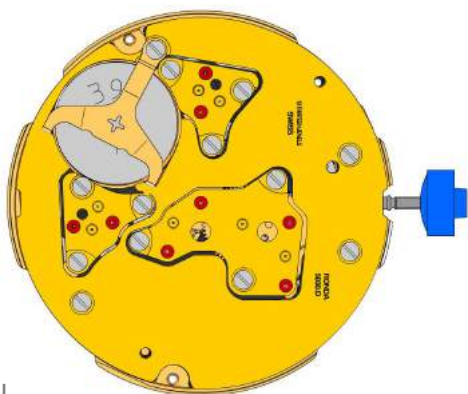
G





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
3601.118 44.		Kontaktbügel Kontaktbügel gehalten durch 1 Schraube 4000.250.
4000.250 45.		Schraube
3603.034 46.		Isolation für Batterie

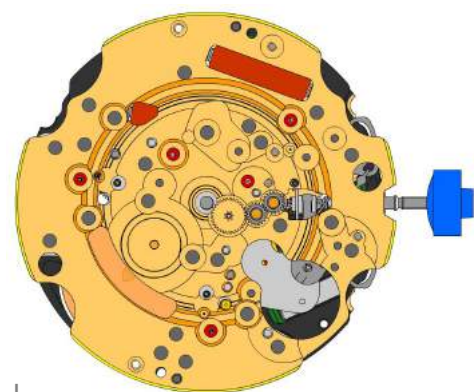


H

3612.210.5030 47.		Elektronikmodul Elektronikmodul gehalten durch 5 Schrauben 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.M01.5030D 51.		<b>Deckplatte für Elektronikmodul</b> Deckplatte für Elektronikmodul gehalten durch 3 Schrauben 4000.250.
3600.010.HGF 52.		<b>Batterie 395</b>
3601.109.G 53.		<b>Bügel +</b> Bügel gehalten durch 1 Schraube 4000.250.
4000.250 54.		<b>Schraube</b>

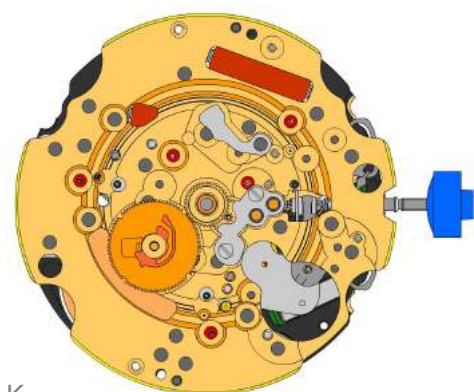


J

 2000.574.G  
55.  Werkplatte

 3004.164  
56.  Zeigerstellrad

 3004.164  
57.  Zeigerstellrad

 3007.054.CO  
58.  Wechselrad


K

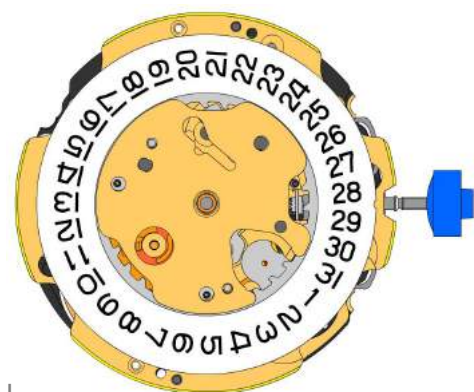
 2130.143  
59.  Wechselradbrücke  
Wechselradbrücke gehalten durch 2 Schrauben 4000.305.

 4000.305  
60.  Schraube


 3301.241  
61.  Stundenrad (Aig.1)


 3315.016  
62.  Friktionsfeder

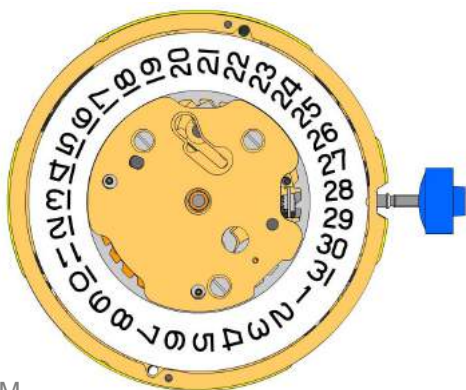
 3004.224.CO  
63.  Datumanzeiger-Mitnehmerrad

 3500.049  
64.  Datumraste










L

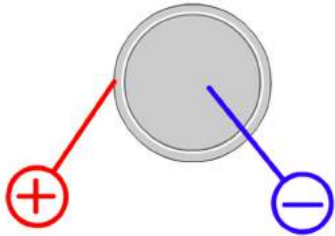
 3504.208.AB.1.A  
65.  Datumsanzeiger (Standard)  
Einbuchtung im Disc bei 3 Uhr.

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

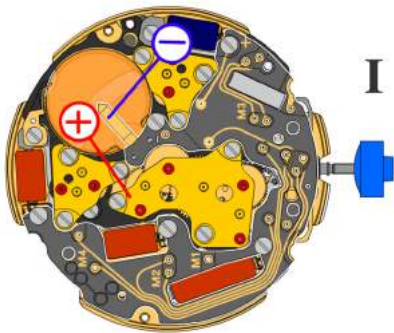


M

3905.070 67.		<b>Feder für Datumraste</b> Feder für Datumsraste in die Öffnung einfügen.
2130.140.G 68.		<b>Halteplatte für Datum-Mechanismus</b> Halteplatte für Datum-Mechanismus gehalten durch 2 Schrauben 4000.250.
4000.250 69.		<b>Schraube</b>
3506.072.G 70.		<b>Träger für Zifferblatt</b>
8200 71.		<b>Moebius 8200</b>
9014 72.		<b>Moebius 9014</b>
124 73.		<b>Jismaa 124</b>
9020 74.		<b>Moebius 9020</b>

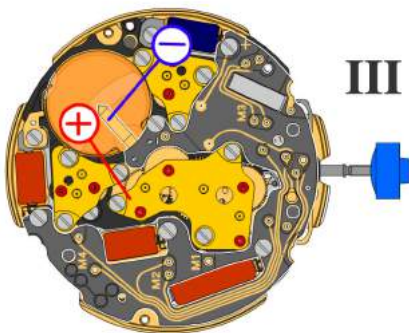


Batterie	<b>395</b>
Spannung	<b>1.55 V</b>



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

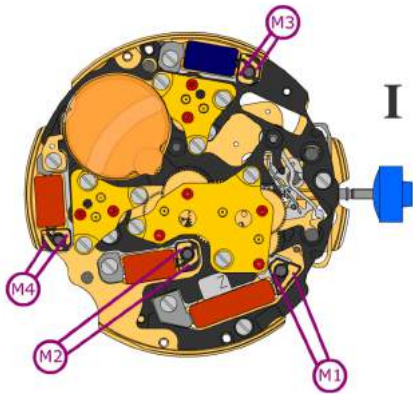
Typischer Verbrauch	<b>1.32 <math>\mu</math>A</b>
Maximaler Verbrauch	<b>1.65 <math>\mu</math>A</b>
Gang	<b>-10s/M. .. +20s/M.</b>
Untere Funktionsspannungsgrenze	<b>1.20 V</b>



*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>



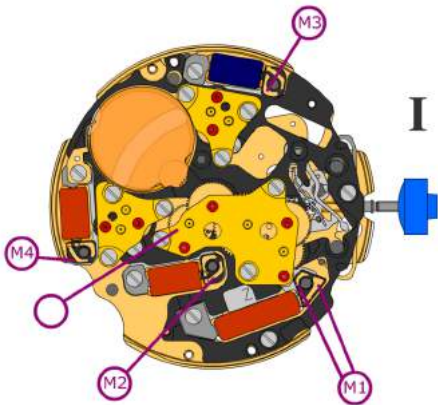


Spulenwiderstand M1 **1.90 k $\Omega$  .. 2.10k $\Omega$**

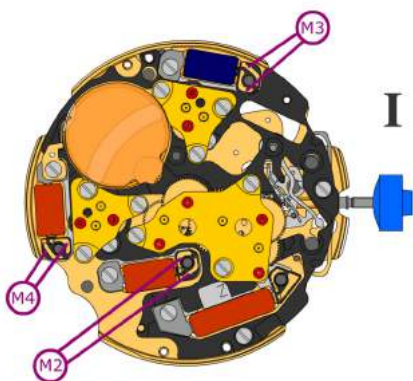
Spulenwiderstand M2 **1.68 k $\Omega$  .. 1.88 k $\Omega$**

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

Spulenwiderstand M4 **1.68 k $\Omega$  .. 1.88 k $\Omega$**



Spulenisolation M1/M2/M3/M4  **$\infty$  k $\Omega$**



*Pulsgenerator (4.9 ms, 8 Hz):*

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