

MINOX

35 PL

Type 10720

Ersatzteile

Reparatur

Spare Parts

Repairs

Pièces de rechange

Réparation

Repuestos

Reparación

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Telex 482986 minox d

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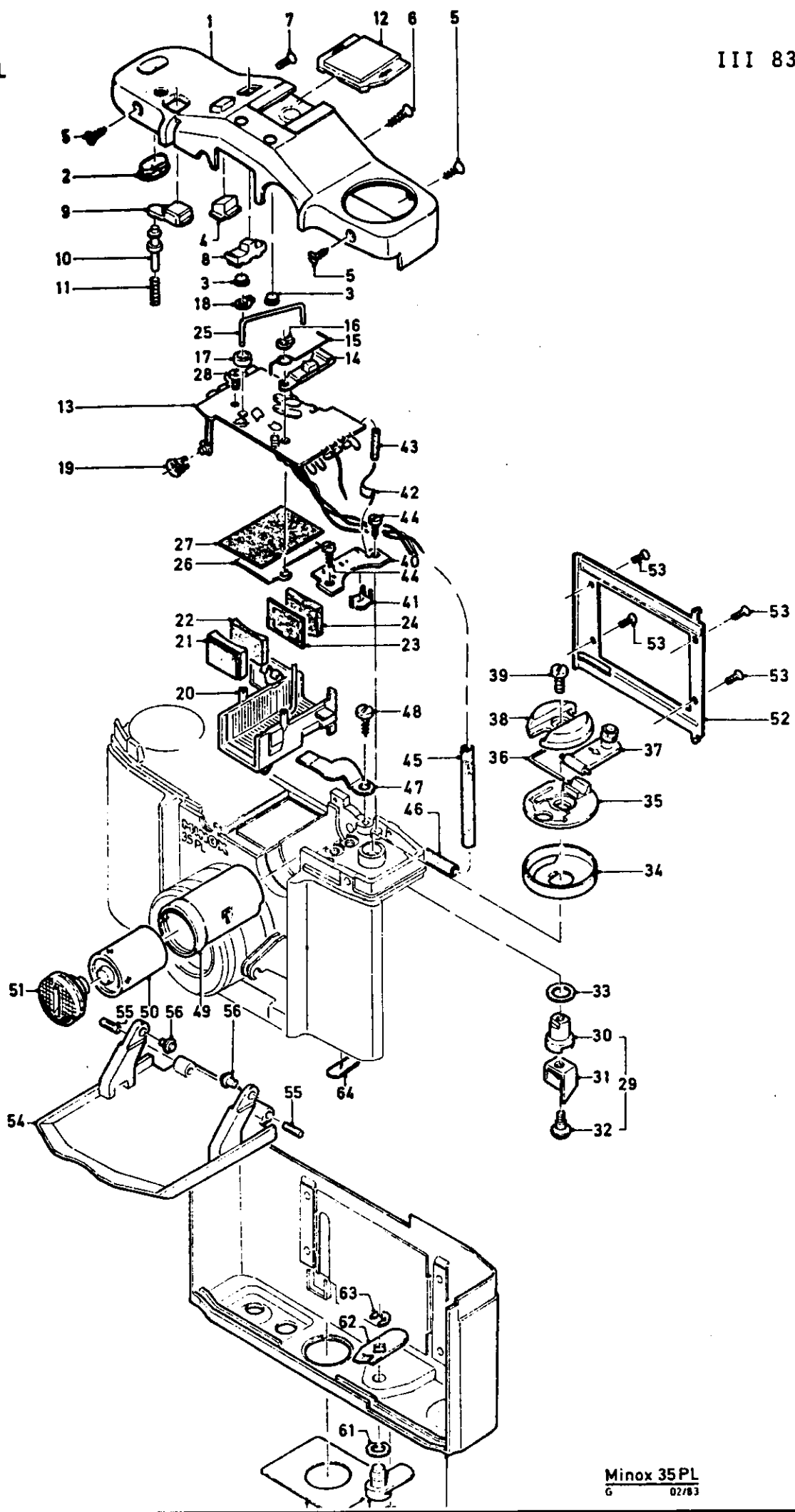


Bild-Nr. Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil- Nr. / Part no. / No. de piece / No de pieza
1	1	Body cap, complete	10720 38000
2	1	. Frame counter window	10750 38002
3	2	. Hood	10720 38009
4	1	. Button	10720 38022
5	3	Screw, countersunk machine Bg 1.6 x 2.5 mm	10800 40003
	S	Screw, countersunk machine M 2 x 2.5 mm	00300 80050
6	1	Screw, countersunk machine Bg 1.6 x 4 mm	10800 40004
	S	Screw, countersunk machine M 2 x 4 mm	00301 65014
7	1	Screw, countersunk machine M 1.4 x 2.5 mm	10750 12048
8	1	Sliding switch 2x, complete	10850 46000
9	1	Shutter release button, green	10720 40001
10	1	Shutter release pin	10750 03001
11	1	Shutter release spring	10800 03002
12	1	Cover slide	10750 00003
13	1	Printed circuit board, complete for PL I	10720 19000
	(1)	Printed circuit board, complete for PL II	10720 19400
14	1	. Flash switch, complete	10720 17000
15	1	. Leg spring	10750 17002
16	1	. Retainer ring G 2.0	00310 72000
17	1	. Spacing sleeve	10720 04014
18	1	. Retainer ring G 2.0	00310 72000
19	1	. Sleeve	10750 16007
20	1	. Viewfinder, complete	10720 20000
21	1	. . Front lens element I	10800 18111
22	1	. . Front lens element II	10800 18002
23	1	. . Viewfinder mask	10720 18004
24	1	. . Eyepiece	10800 18113
25	1	. . Light guide	10720 04004
26	1	. . Cover	10750 18008
27	1	. . Cover strip	10720 18007
28	1	Screw, fillister M 1.4 x 2 mm	00301 32000
29	1	Spool take-up cam, complete	10800 14000
30	1	. Spool take-up cam	10800 14001

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
31	1	. Take-up cam clip	10800 14002
32	1	. Screw, shoulder	10800 14003
33	(1)	Washer 7.3 ϕ x 5.05 ϕ x 0.05 mm	00310 30000
34	1	light-trap plate	10730 12001
35	1	Rewind cam	10750 12124
36	1	Stop spring	10750 13101
37	1	Crank arm, complete	10750 11000
38	1	Rewind cam cover	10750 12026
39	1	Screw, fillister M 2 x 4 mm	00201 83050
40	1	Mounting plate, complete for PL I	10720 21000
	(1)	Mounting plate, complete for PL II	10720 21400
41	1	. Trim resistor R 10, see Page 22	
42	1	. Resistor R 9, see Page 22	
43	1	. Insulating tubing	10800 21002
44	2	Screw, fillister Bg 1.4 x 3 mm	00301 10050
45	1	Insulating sleeve, long	10800 12034
46	1	Insulating sleeve, short	10800 12037
47	1	Retainer clip	10750 12009
48	1	Screw, fillister, Bg 2.2 x 4 mm	00301 36050
49	1	Battery tube	10800 12106
50	(1)	Battery Varta V 27 PX Mallory PX 27 Ucar EPX 27	
51	1	Battery cover, complete	10800 45000
52	1	Film feed, complete	10750 39000
53	4	Screw, countersunk machine M 1.4 x 2.5 mm	00300 99000
54	1	Front flap PL	10720 26014
55	2	Grooved alignment pin	00340 37050
56	2	Latch pin	10800 26016
57	1	Body back	10720 43000
58	1	. DIN/ASA label	10720 43002
59	1	. Indicator disc	10800 43006
60	1	. Lock	10850 43001

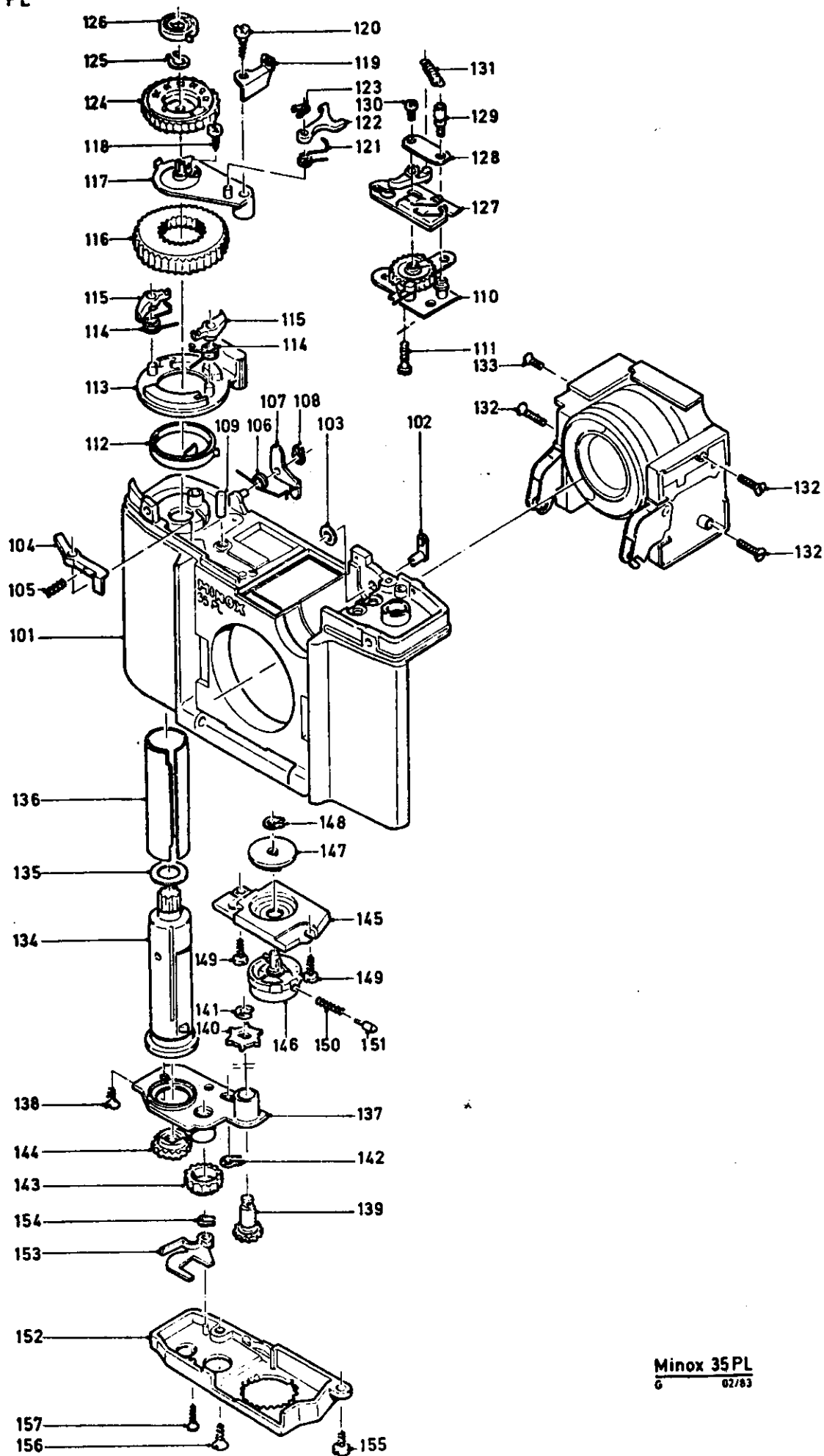
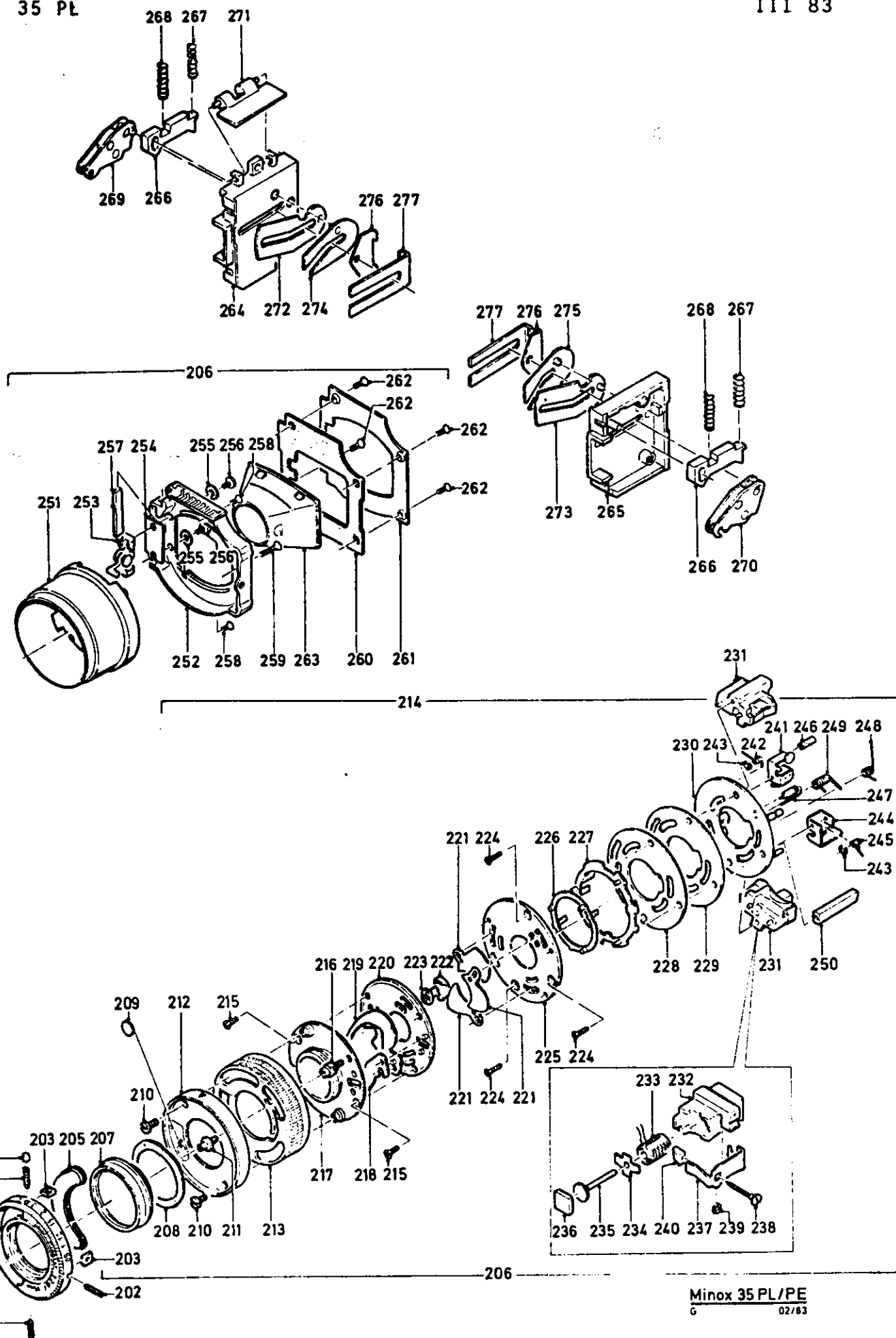


Bild-Nr. Fig no	Stück. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no / No. de piece / No de pieza
101	1	Body, riveted	10720 01000
102	1	. Rivet solder tag	00330 21000
103	1	. Negative contact	10800 01005
104	1	Shutter release block	10800 12007
105	1	Drag spring	10800 12008
106	1	Torsion spring	10800 12011
107	1	Re-set latch	10800 12010
108	1	Retainer ring G 1.5	00310 71000
109	1	Winder pin	10800 26001
110	1	Base plate	10850 02000
111	1	Screw, fillister M 1.4 x 6.5 mm	10800 12044
112	1	Torsion spring for conical spring washer	10750 12041
113	1	Conical spring washer	10750 12040
114	2	Torsion spring for tension latch	10800 12043
115	2	Tension latch	10800 12042
116	1	Winder wheel	10800 12012
117	1	Bottom plate	10850 06003
118	1	Screw, fillister Bg 2 x 3.5 mm	00300 90000
119	1	Angle bracket	10750 12046
120	1	Screw, fillister Bg 2 x 8.4 mm	10800 12027
	(1)	Screw, fillister Bg 1.9 x 7.8 mm	00301 40050
	S	Screw, fillister M 2.3 x 8 mm	00301 27050
121	1	Torsion spring	10750 12047
122	1	Stop latch	10800 06001
123	1	Retainer ring G 1.5	00310 71000
124	1	Film counter wheel	10750 12019
125	1	Retainer ring G 2.0	00310 72000
126	1	Flat spiral spring	10800 12020
127	1	Sliding switch, complete	10720 09000
128	1	Guide plate	10800 12016
129	1	Lining	10800 12017
130	1	Screw, fillister M 1.4 x 2mm	00301 31000
131	1	Tension spring	10800 12018

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
132	3	Screw, countersunk machine M 1.6 x 5 mm	00301 62014
133	1	Screw, countersunk machine M 1.6 x 3.5 mm	00301 64014
134	1	Sleeve, complete	10850 30200
135	1	Washer 9.5 ϕ x 6.9 ϕ x 0.3 mm	00311 42000
136	1	Expansion tube	10850 36002
137	1	Drive plate	10750 36106
138	1	Screw, countersunk machine Bg 1.6 x 2.5 mm	10750 36020
139	1	Cogwheel	10750 36003
140	1	Film transport wheel	10750 36104
141	1	Retainer washer 1.9 mm	00210 84000
142	1	Retainer ring G 2.0	00310 72000
143	1	Idler wheel	10850 36018
144	1	Transfer wheel	10800 36209
145	1	Resistor plate, complete	10720 35000
146	1	. Adjusting knob	10720 35003
147	1	. Catch plate	10850 33000
148	1	. Retainer ring G 2.0	00310 72000
149	2	Screw, fillister Bg 1.4 x 3.5 mm	00301 22050
150	1	Pressure spring	10850 36010
151	1	Latch pin	10850 36016
152	1	Drive cover	10720 37000
153	1	. Sliding lock	10800 36131
154	1	. Retainer ring G 1.5	00310 71000
155	1	Screw, fillister Bg 2 x 2.8 mm	10800 12028
	S	Screw, fillister M 2.3 x 3 mm	00300 88050
156	1	Screw, countersunk machine Bg 2 x 5 mm	10800 36014
	S	Screw, countersunk machine M 2 x 6 mm	00201 13014
157	1	Screw, countersunk machine Bg 1.45 x 5 mm	00301 24014

S = Substitute



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Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
201	1	Metre ring, complete	10720 81000
	(1)	Feet ring, complete	10720 82000
202	3	. Headless set screw M 1.4 x 5 mm	00203 24050
203	3	. Square nut M 1.4	10800 50005
204	1	Index pin	10720 50012
205	1	Window	10750 50006
206	1	Lens PL I, complete	10720 50000
207	1	. Front lens element, complete	10750 80000
208	1	. Corrugated ring	10750 50011
209	1	. Compensation filter 7 %	10800 50007
	(1)	. Compensation filter 10 %	10800 50020
	(1)	. Compensation filter 15 %	10800 50021
	(1)	. Compensation filter 20 %	10800 50022
	(1)	. Compensation filter 25 %	10800 50023
	(1)	. Compensation filter 30 %	10800 50024
	(1)	. Compensation filter 35 %	10800 50025
	(1)	. Compensation filter 40 %	10800 50026
	(1)	. Compensation filter 45 %	10800 50027
	(1)	. Compensation filter 50 %	10800 50028
	(1)	. Compensation filter 55 %	10800 50029
	(1)	. Compensation filter 60 %	10800 50030
	(1)	. Compensation filter 65 %	10800 50031
	(1)	. Compensation filter 70 %	10800 50032
	(1)	. Compensation filter 75 %	10800 50033
	(1)	. Compensation filter 80 %	10800 50034
	(1)	. Compensation filter 85 %	10800 50035
210	2	. Screw, fillister M 1.4 x 2 mm	10800 50003
211	1	. Butt screw	10800 50002
212	1	. Depth of focus control ring, complete	10720 73000
213	1	. Aperture control ring	10720 79001
214	1	. Shutter PL I, complete	10720 72000
215	2	. . Screw, countersunk machine M 1.4 x 2.5 mm	00300 99000
216	1	. . Threaded insert	10800 72003

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
217	1	. . Central lens element, complete	10720 71000
218	1	. . Diaphragm leaf II	10750 72002
219	1	. . Diaphragm leaf I	10750 70000
220	1	. . Spacer	10720 72004
221	3	. . Shutter leaf	10720 72001
222	1	. . Mount	10720 68001
223	1	. . Photo-resistor	10800 68003
224	3	. . Screw, countersunk machine Bg 1.4 x 5 mm	00301 39014
225	1	. . Achromatic lens, complete	10720 63000
226	1	. . Shutter ring II	10720 62000
227	1	. . Shutter ring I	10720 61000
228	1	. . Sliding disc	10720 64020
229	1	. . Sliding disc	10720 64010
230	1	. . Printed circuit board, riveted	10720 57000
231	2	. . Magnet, complete	10720 53000
232	2	. . . Coil body	10720 53006
233	2	. . . Coil	10720 53001
234	2	. . . Spring washer	10720 53010
235	2	. . . Core, complete	10720 53500
236	2	. . . Permanent magnet	10720 53005
237	2	. . . Yoke	10720 53002
238	2	. . . Adjuster screw	10720 53007
239	2	. . . Retainer washer 1.2 mm	00210 17000
240	2	. . . Wedge	10720 53009
241	1	. . Stop lever I, complete	10720 51000
242	1	. . Reaction spring	10720 64002
243	2	. . Retainer washer 0.8 mm	00210 28000
244	1	. . Stop lever II, complete	10720 52000
245	1	. . Pressure spring	10720 64001
246	1	. . Tubing	10720 57011
247	1	. . Diode D 5, see Page	
248	1	. . Opening spring	10720 64003
249	1	. . Closing spring	10720 64004

Bild-Nr. Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
250	1	. . Base	10720 64006
251	1	. Lens barrel PL I	10720 50005
252	1	. Light cover PL I, riveted	10720 76000
253	1	. Retainer clip, complete	10720 75000
254	1	. Sliding plate	10720 77001
255	2	. Washer 4.5 ϕ x 1.52 ϕ x 0.05 mm	00311 13050
256	2	. Screw, fillister M 1.4 x 1.5 mm	00301 58019
257	1	. Winder link	10720 50009
258	2	. Screw, countersunk machine \square Bg 1.45 x 3.2 mm	00301 25014
	S	. Screw, countersunk machine \square M 1.7 x 2.5 mm	00301 15019
259	1	. Screw, countersunk machine \square M 1.4 x 4 mm	00301 08000
	S	. Screw, countersunk machine \square M 1.7 x 2.5 mm	00301 15019
260	1	. Cover plate	10800 76003
261	1	. Retainer plate	10800 76004
262	4	. Screw, countersunk machine \square M 1.4 x 2.5 mm	00300 99000
263	1	Light funnel	10720 36013
264	1	Pivot hinge, right	10750 26005
265	1	Pivot hinge, left	10800 26003
266	2	Catch lever	10800 26008
267	2	Pressure spring	10800 26009
268	2	Pressure spring, copper	10800 26015
269	1	Pivot, right, complete	10850 22000
270	1	Pivot, left, complete	10850 23000
271	1	Winder flap	10800 26010
272	1	Cover leaf II, right	10800 27000
273	1	Cover leaf II, left	10800 28000
274	1	Cover leaf, right	10800 24000
275	1	Cover leaf, left	10800 25000
276	2	Cover slide	10800 26006
277	2	Cover strip	10800 26007

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
301	1	Metre ring, complete	10750 81000
	(1)	Feet ring, complete	10750 82000
302	3	. Headless set screw M 1.4 x 5 mm	00203 24050
303	3	. Square nut M 1.4	10800 50005
304	1	Index pin	10720 50012
305	1	Window	10750 50006
306	1	Spacer ring	10750 50015
307	1	Lens PL II, complete	10720 50400
308	1	. Front lens element, complete	10750 80000
309	1	. Corrugated ring	10750 50011
310	1	. Cover disc	10720 50408
311	1	. Compensation filter 7 %	10800 50007
	(1)	. Compensation filter 10 %	10800 50020
	(1)	. Compensation filter 15 %	10800 50021
	(1)	. Compensation filter 20 %	10800 50022
	(1)	. Compensation filter 25 %	10800 50023
	(1)	. Compensation filter 30 %	10800 50024
	(1)	. Compensation filter 35 %	10800 50025
	(1)	. Compensation filter 40 %	10800 50026
	(1)	. Compensation filter 45 %	10800 50027
	(1)	. Compensation filter 50 %	10800 50028
	(1)	. Compensation filter 55 %	10800 50029
	(1)	. Compensation filter 60 %	10800 50030
	(1)	. Compensation filter 65 %	10800 50031
	(1)	. Compensation filter 70 %	10800 50032
	(1)	. Compensation filter 75 %	10800 50033
	(1)	. Compensation filter 80 %	10800 50034
	(1)	. Compensation filter 85 %	10800 50035
312	2	. Screw, fillister M 1.4 x 2 mm	10800 50003
313	1	. Butt screw	10800 50002
314	1	. Depth of focus control ring, complete	10720 73400
315	1	. Aperture control ring	10720 79401
316	1	. Shutter PL II, complete	10720 72400

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
317	3	. . Threaded insert	10800 72003
318	1	. . Central lens element, complete	10750 71000
319	1	. . Diaphragm leaf II	10750 72002
320	1	. . Diaphragm leaf I	10750 70000
321	1	. . Spacer	10750 72404
322	3	. . Shutter leaf	10720 72401
323	3	. . Screw, countersunk machine Bg 1.4 x 5 mm	00301 39014
324	1	. . Achromatic lens, complete	10750 63000
325	1	. . Sliding disc	10800 64010
326	1	. . Switch disc II	10800 62000
327	1	. . Switch disc I	10800 61000
328	1	. . Filler base	10800 57200
329	1	. . Magnet I, complete	10720 53400
330	1	. . Magnet II, complete	10800 53100
331	2	. . . Coil	10800 52000
332	1	. . . Armature, 9.75 mm long, for Magnet I	10720 53404
	1	. . . Armature, 9.81 mm long, for Magnet II	10800 53003
	(1)	. . . Armature, 9.78 mm long, for Magnet II	10800 53103
	(1)	. . . Armature, 9.77 mm long, for Magnet II	10800 53104
	(1)	. . . Armature, 9.76 mm long, for Magnet II	10800 53105
333	1-2	. . . Adhesion point for Magnet I	10720 53011
334	2	. . . Permanent magnet	10800 53005
335	2	. . . Yoke I	10800 58100
336	2	. . . Yoke II	10800 53002
337	2	. . . Screw, fillister M 1.4 x 1.15 mm	00300 82050
338	2	. . Latch, complete	10800 51200
339	2	. . insulating plate	10800 54001
340	1	. . Contact spring I	10800 54005
341	1	. . Contact spring II	10800 54002
342	1	. . Adjuster plate	10800 54004
343	1	. . Printed circuit board	10800 54003
344	1	. . Screw, fillister M 1.4 x 2 mm	00300 97013
345	1	. . Screw, fillister M 1.4 x 1.8	00201 81014

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
346	4	. . Screw, countersunk machine M 1.4 x 1.6 mm	00300 95050
347	3	. . Base	10720 64401
348	2	. . Tension spring	10720 55402
349	1	. . Tension spring, 31 p, copper	10720 64403
350	1	. . Tension spring, 110 p	10800 64005
351	1	. . Diode D 5, see Page 13	10800-68003
352	1	. Photo resistor	10720 68400
353	1	. Insulating tubing	10800 78020
354	1	. Lens barrel	10720 78401
355	1	. Light cover	10720 76400
356	1	. Retainer clip, complete	10720 75400
357	2	. Washer 4.5 ϕ x 1.52 ϕ 0.05 mm	00311 13050
358	2	. Screw, fillister M 1.4 x 1.5 mm	00301 58019
359	1	. Winder link	10800 78002
360	3	. Screw, countersunk machine M 1.4 x 4 mm	00301 08014
361	1	. Cover plate	10800 76003
362	1	. Retainer plate	10800 76004
363	4	. Screw, countersunk machine M 1.4 x 2.5 mm	00300 99000
364	1	Light funnel	10720 36013
365	1	Pivot hinge, right	10750 26005
366	1	Pivot hinge, left	10800 26003
367	2	Catch lever	10800 26008
368	2	Pressure spring	10800 26009
369	2	Pressure spring, copper	10800 26015
370	1	Pivot, right, complete	10850 22000
371	1	Pivot, left, complete	10850 23000
372	1	Winder flap	10800 26010
373	1	Cover leaf II, right	10800 27000
374	1	Cover leaf II, left	10800 28000
375	1	Cover leaf, right	10800 24000
376	1	Cover leaf, left	10800 25000
377	2	Cover slide	10800 26006
378	2	Cover strip	10800 26007

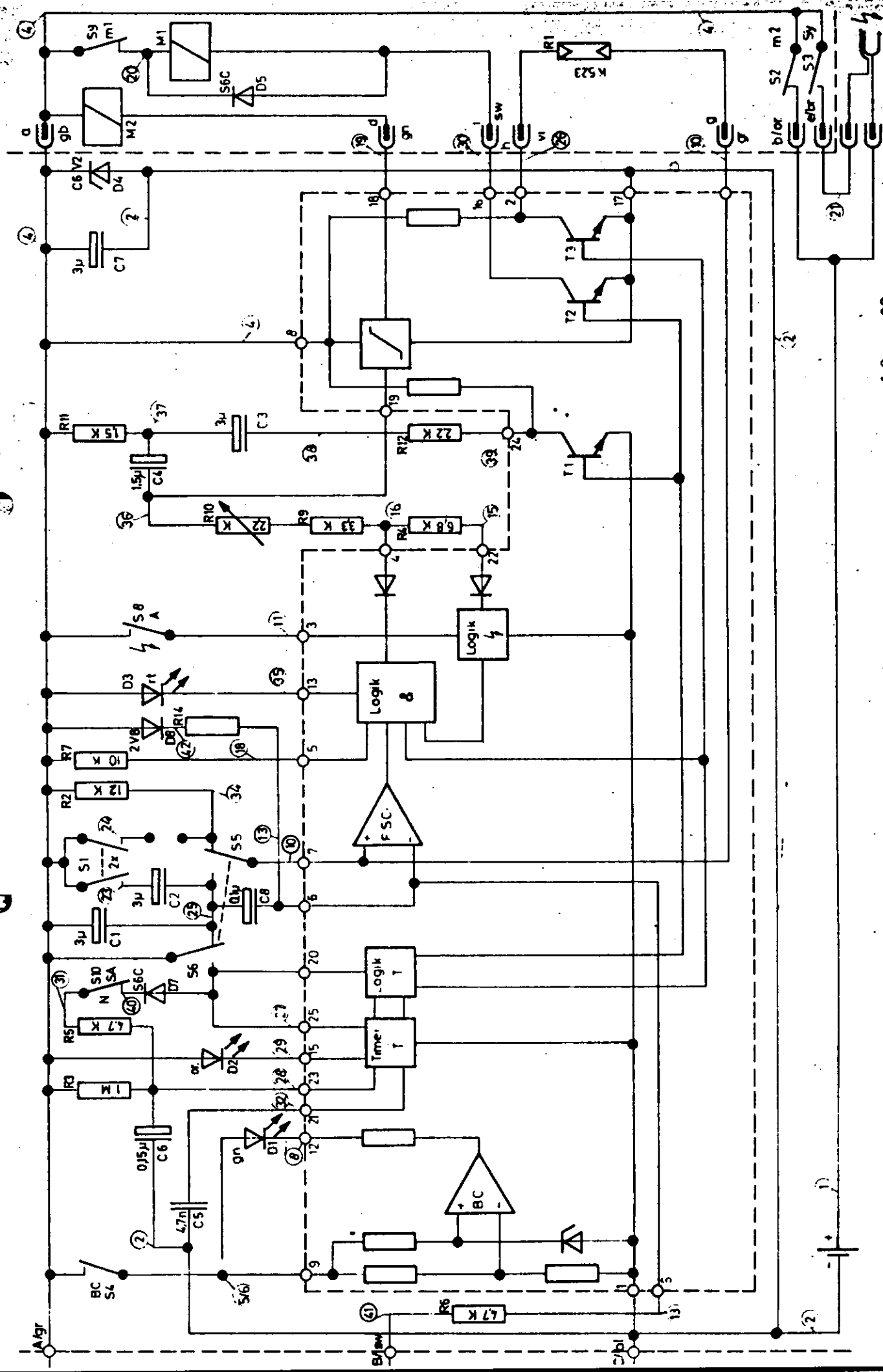
Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
<u>Electronic components</u>			
Components on the printed circuit board:			
		T Switch	10720-04100
IC	1	. IC ULA 1 G 003	10750 16001
D1	1	. LED green	10720 16004
	S	. LED green	00363 99090
D2	1	. LED orange	10750 16008
	S	. LED orange	00363 89090
D3	1	. LED red	10720 16007
	S	. LED red	00364 33090
D4	1	. Z Diode 6 V 2	00362 33090
D7	1	. Diode	10720 16006
	S	. Diode	00360 15090
D8	1	. Z Diode 3 V 4 for PL I	00364 43090
	(1)	. Z Diode 2 V 8 for PL II	00364 55090
R2	1	. Resistor 12 kOhm	00361 88090
R3	1	. Resistor 1 MOhm	00362 71090
R4	1	. Resistor 6.8 kOhm	00361 87090
	(1)	. Resistor 8.2 kOhm	00363 98090
R5	1	. Resistor 4.7 kOhm	00363 80090
R6	1	. Resistor 10 kOhm for PL I	00361 83090
	(1)	. Resistor 15 kOhm for PL I	00361 82090
	(1)	. Resistor 20 kOhm for PL I	00363 04090
	(1)	. Resistor 4.7 kOhm for PL II	00363 80090
	(1)	. Resistor 3.3 kOhm for PL II	00362 73090
	(1)	. Resistor 2.7 kOhm for PL II	00361 85090
R7	1	. Resistor 10 kOhm	00361 83090
R11	1	. Resistor 1.5 kOhm	00364 44090
R12	1	. Resistor 2.2 kOhm	00362 34090
R14	1	. Resistor 4.7 kOhm for PL I	00363 80090
C1	1	. Capacitor 3 µF/6.3 V	00363 28090
C2	1	. Capacitor 3µF/6.3 V	00364 03090

S = Substitute

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
C3	1	. Capacitor 3 μ F/6.3 V	00364 03090
C4	1	. Capacitor 1.5 μ F/6.3 V	00364 02090
C5	1	. Capacitor 4.7 μ F/40 V	00363 90090
C6	1	. Capacitor 0.15 μ F/6.3 V	00361 91090
C7	1	. Capacitor 3 μ F/6.3 V	00363 28090
C8	1	. Capacitor 0.33 μ F/20 V for PL I	00364 59090
	(1)	. Capacitor 0.1 μ F/6.3 V for PL II	00363 84090
A	1	. Flex, grey, 120 mm long gr	10800 12032
B	1	. Flex, black, 122 mm long sw	10800 12030
C	1	. Flex, blue, 116 mm long bl	10850 12031
a	1	. Flex, yellow, 40 mm long gb	10720 04003
b	1	. Flex, orange, 28 mm long or	10750 04005
d	1	. Flex, green, 33 mm long gn	10750 04007
e	1	. Flex, brown, 34 mm long br	10720 04009
g	1	. Flex, grey, 44 mm long gr	10720 04010
h	1	. Flex, violet, 50 mm long vi	10720 04011
i	1	. Flex, black, 38 mm long sw	10750 04006
	1	. Flex +UB, orange or	10750 04013
	1	. Flex -UB, blue bl	10800 12035
	1	. Flex R 10, orange, 28 mm long or	10750 04005
Components on the backing plate:			
R9	1	Resistor 6.2 k Ω m for PL I	00364 91090
	(1)	Resistor 4.7 k Ω m for PL I	00363 80090
	(1)	Resistor 5.6 k Ω m for PL I	00364 61090
	(1)	Resistor 6.8 k Ω m for PL I	00361 87090
	(1)	Resistor 3.3 k Ω m for PL II	00362 73090
	(1)	Resistor 3.9 k Ω m for PL II	00361 86090
R10	1	Trim resistor 2.2 k Ω m	00364 72090

Bild-Nr. Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
		Components in the lens	
D5	1	Diode for PL I	10720 64013
	(1)	Diode for PL II	10800 78021
	S	Diode	00360 15090
R1	1	Photo resistor for PL I	10800 68003
	(1)	Photo resistor for PL II	10720 68400
		Connection wire for PL I:	
a	1	Connection wire, yellow, 40 mm long gb	10720 64014
b	1	Connection wire, orange, 41 mm long or	10720 64012
d	1	Connection wire, green, 44 mm long gn	10720 64009
e	1	Connection wire, brown, 39 mm long br	10720 64007
g	1	Connection wire, grey, 43 mm long gr	10720 64008
h	1	Connection wire, violet, 43 mm long vi	10720 64015
i	1	Connection wire, black, 39 mm long sw	10720 64011
		Flexes for PL II:	
a	1	Flex, yellow, 33 mm long gb	10800 78010
b	1	Flex, orange, 46 mm long or	10800 78016
d	1	Flex, green, 62 mm long gn	10720 78413
e	1	Flex, brown, 43 mm long br	10800 78011
g	1	Flex, grey, 33 mm long gr	10800 78012
h	1	Flex, violet, 63 mm long vi	10720 78409
i	1	Flex, black, 33 mm long sw	10800 78015
	1	Flex, yellow, M1-M2, 39 mm long	10800 78019

S = Substitute



gez. 04.11.1981 Sk
geänd. 23.04.1982 Sk
geänd. 02.03.1983 JI

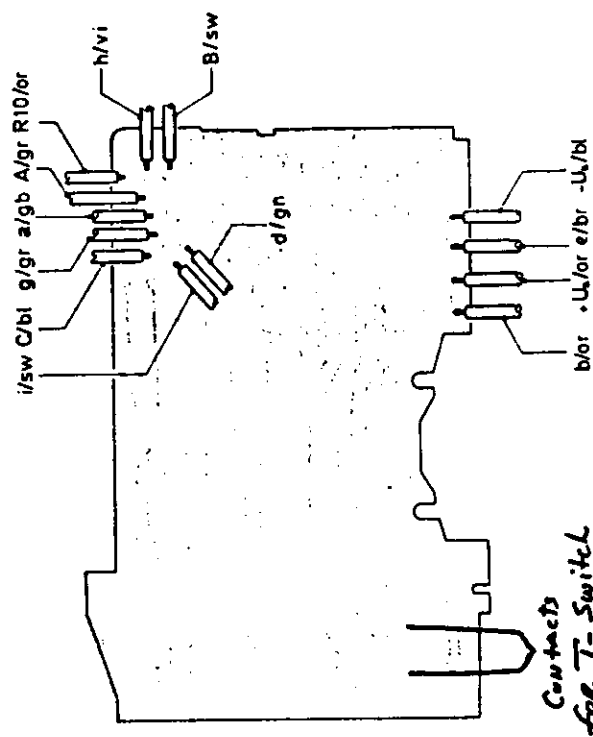
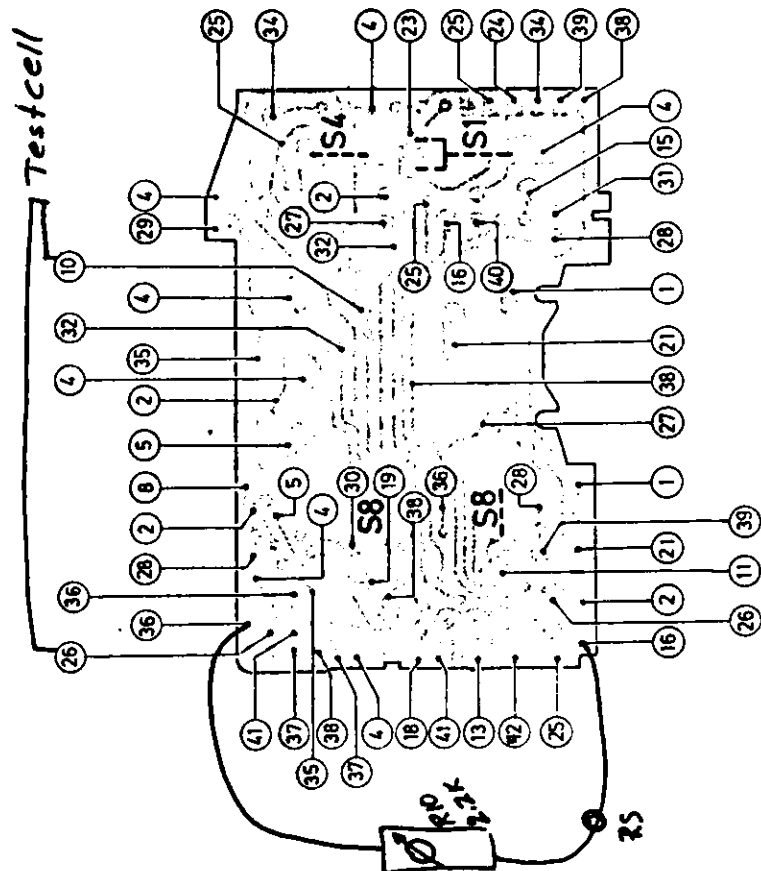
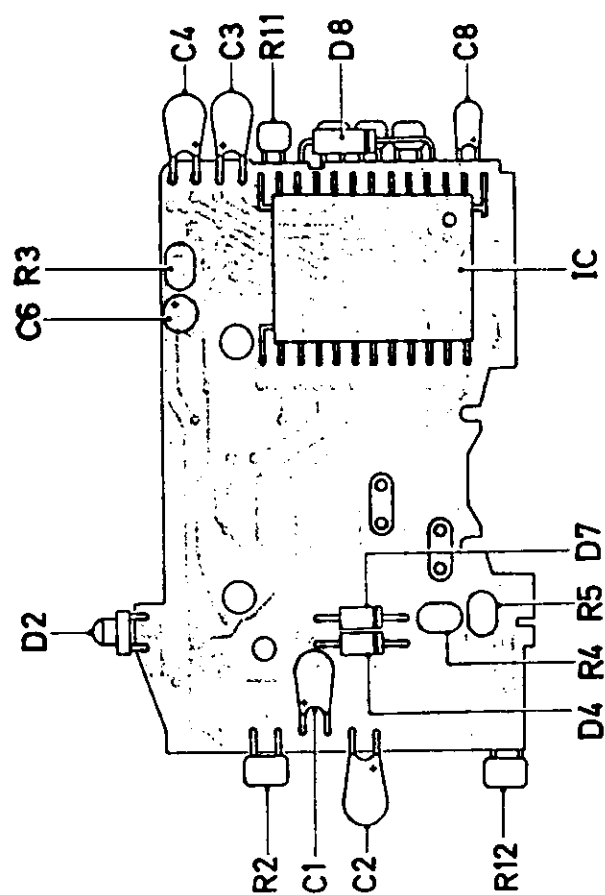
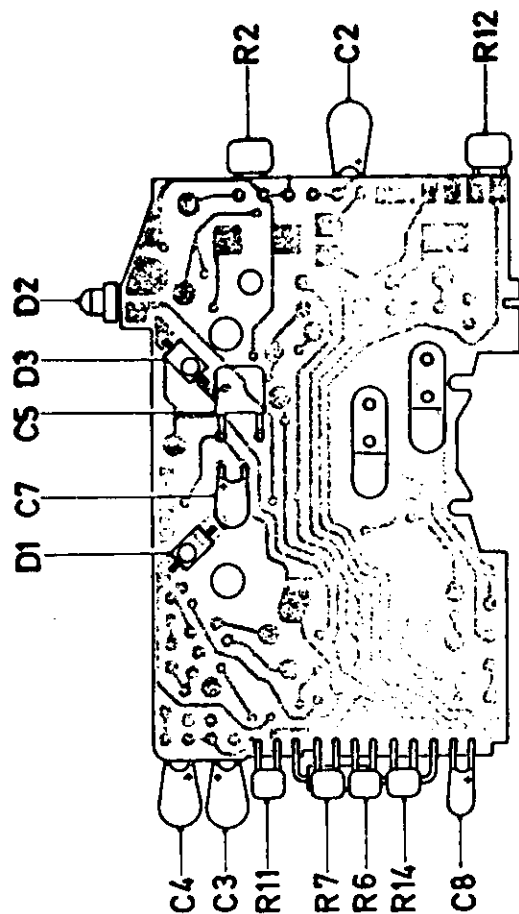
10. Ua 83

Schaltplan 10720-00001 IV

Switching Functions:

- S 1 Counterlight switch (2x slide, Fig. 8)
 S 2 Contact breaker m_2 (Switch disc II, Fig. 326 or shutter ring II, Fig. 226)
 S 3 Flash contact (on filler base, Fig. 328 or printed circuit board, Fig. 230)
 S 4 Battery check (pressure over push button, Fig. 4 on printed circuit board, Fig. 13)
 S 5 }
 S 6 } Shutter release switch (sliding switch, Fig. 127)
 S 7 DIN-ASA switch (resistor plate, Fig. 145)
 S 8 Commutator for automatic-flash exposure time (flash switch, Fig. 14)
 S 9 Contact breaker m_1 (switch disc I, Fig. 327 or shutter ring I, Fig. 227)
 S 10 Self timer switch (sliding switch T in viewfinder, Fig. 20)
 S 11 Main switch (light cover, Fig. 355 or 252 - viewfinder, Fig. 20)

Switchings	S 2	S 3	S 5	S 6	S 9	S 11
x = Contact closed			a b	a b		
Camera wound up, front flap closed	x		x	x	x	
Camera wound up, front flap open	x		x	x	x	x
Camera released		x	x	x		x



MINOX 35 PL/PE Testing Programme

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1. Basic Measurement

B	L	R _i Ω	ASA	LM mlxs	Remarks
A	D	15	25	80 - 640	set same value as in previous measu- rement with R 10
A	M	15	25		

2. Filter Selection (from basic measurement)

LM mlxs	F %	LM mlxs	F %	LM mlxs	F %
80 - 120	85	241 - 260	60	381 - 420	35
121 - 160	80	261 - 280	55	421 - 460	30
161 - 180	75	281 - 320	50	461 - 500	25
181 - 200	70	321 - 340	45	501 - 540	20
201 - 240	65	341 - 380	40	541 - 580	15
581 - 620	7	621 - 640	0		

3. Final Measurement

B	L	R _i Ω	ASA	LM mlxs	Remarks
A	D	15	25	320 - 800	after selection of neutral den- sity filter recalibrate R 10
A	D	15	100	128 - 192	
A	H	8	200	40 - 120	
A	H	15	200	60 - 160	
A	D	15	400	20 - 60	
A	M	15	400	20 - 60	
A	H	15	400	28 - 100	
A	H	15	25	400 - 1400	
A	H	15	50	240 - 680	
A	H	15	100	120 - 300	
A	H	27	100	120 - 560	D 3 flashes D 3 off D 1 on
A	M	15	100	100 - 240	
T	M	15	100	100 - 240	
2x	M	15	100	200 - 680	
4	M	15	100	600 - 2400	
A	D	15	400 → 32		
A	D	15	25 → 64		
B		27			

Legend

- a) B = Mode of operation
 A = Programme automatic
 T = Timer switched on
 2x = Couter light switched on
 = Flash time
 B = Battery check
- b) L = Luminance (brightness),
 colour temperature = 4700 °K
- | L | cd/m ² | ftimp | asb |
|---|-------------------|-------|-------|
| H | 8000 | 2300 | 25000 |
| M | 1000 | 290 | 3125 |
| D | 125 | 36 | 390 |
- c) R_i = Internal resistance of the volt-
 age source at U = 5.4 V
- d) LM = Light quantity at the film plane
- e) F = Tone density of the compensation
 filter

