

SONY BVU 800

10.27.0400
1.812.410.21

PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

SLAVE REMOTE CONNECTOR A :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	0.0V	GND	
2	T A	TRANSMIT A RS 422	SERIAL- REMOTE
3	T B	TRANSMIT B RS 422	
4	T C	TRANSMIT COM RS 422	
5			
6			
7			
8			
9	0.0V	GND	
10	CLK	MOVE CLOCK 2)	SWITCH IN
11			
12			
13			
14			
15			
16			
17	DIR	MOVE DIRECTION 2)	SWITCH IN
18			
19	0.0V	GND	
20	CAPOR	CAPSTAN OVER WRITE	DC
21			
22	R A	RECEIVE A RS 422	SERIAL- REMOTE
23	R B	RECEIVE B RS 422	
24	R C	RECEIVE COM RS 422	
25	REMON +	REMOTE POWER ON	DC +12V

OC.OUT = output with
external pull-
up resistor
(+28V max.)

SWITCH IN = open collector or
switch driving to
ground

PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

SLAVE REMOTE CONNECTOR B :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	0.0 V	GND Synchronizer	SWITCH IN
2	RECEN	Record enable signal	
3			
4			
5			
6	REL 1	Relais contact 1	
7	REL 2	Relais contact 2	
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24	AUX	Aux input	
25			

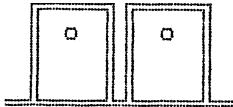
OC.OUT = output with
external pull-
up resistor
(+28V max.)

SWITCH IN = open collector or
switch driving to
ground

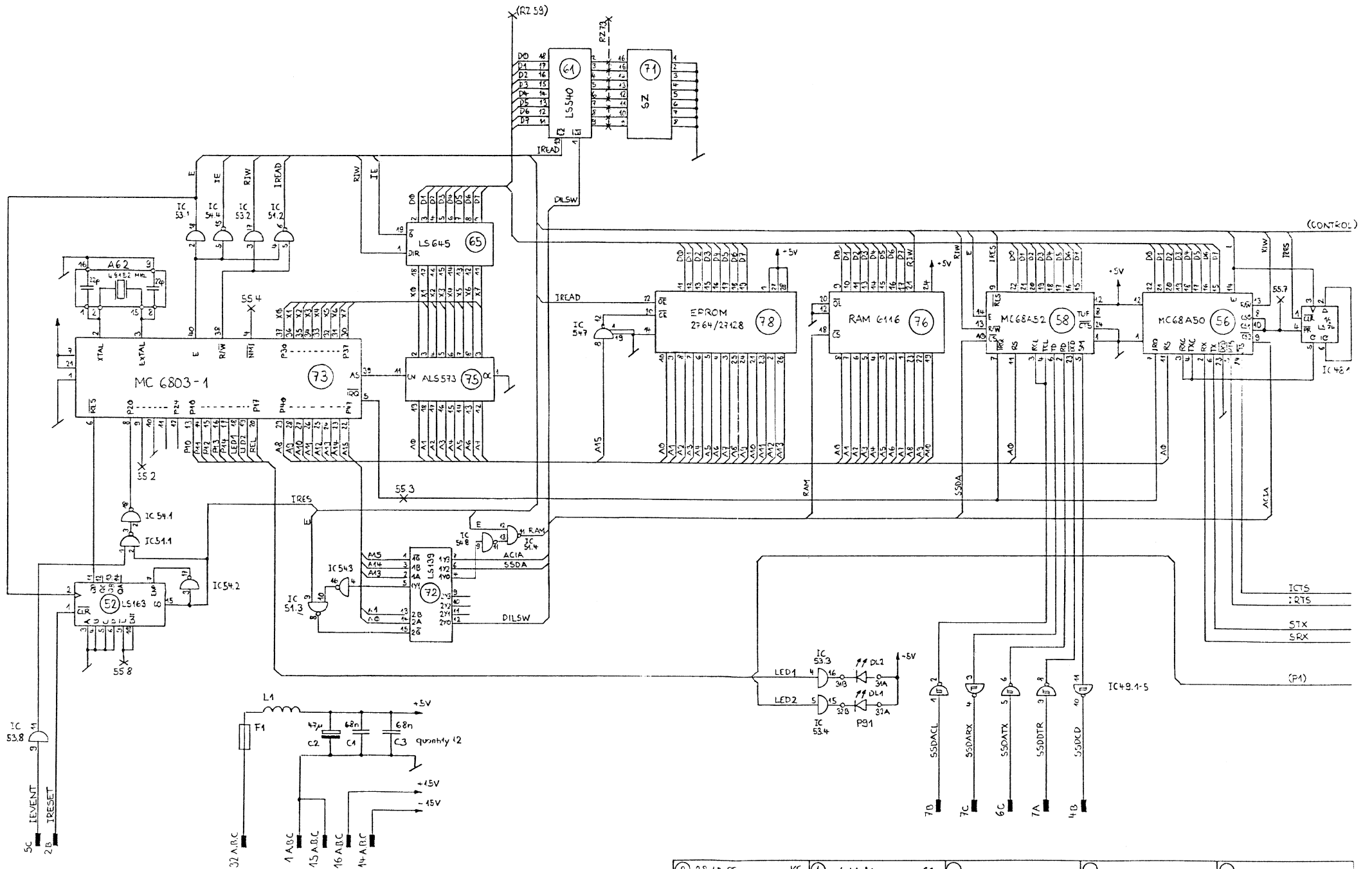
STATUS DISPLAYS ON THE INTERFACE

The two LED's on the interface BVU 800 PCB serve as status indicators and for diagnosing possible problems.

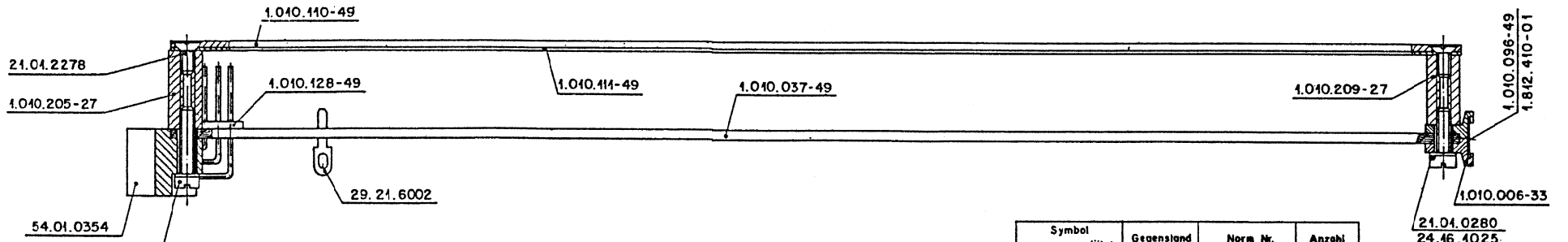
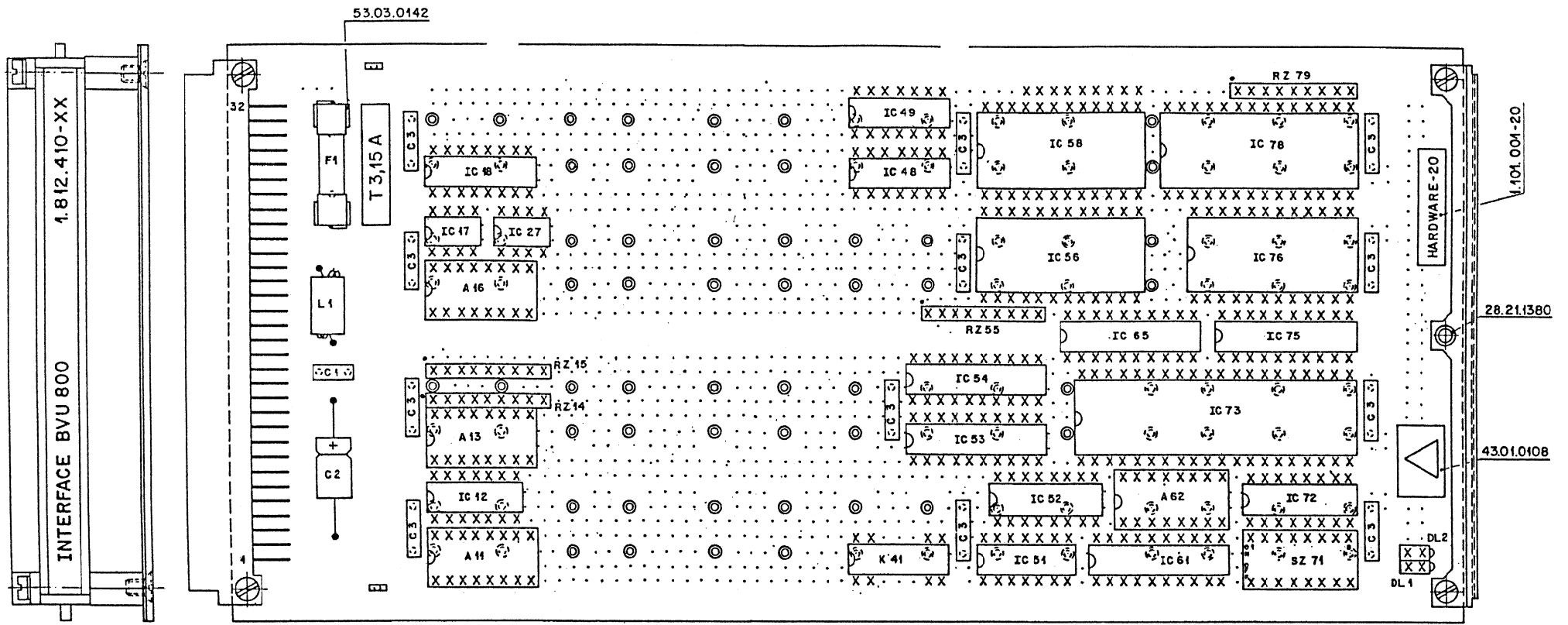
DL1 DL2



		after initialisation
-	-	no ERROR
-	*	EPROM error
*	-	RAM error
*	*	SSDA error (serial I/O) defectiv
		during operation
-	-	no error
-	*	Switch REMOTE/LOCAL on BVU-800 not in position REMOTE
*	-	no communication between interface and machine
*	*	no communication between interface and synchronizer board



① 28.10.85	KS	① 1.11.76	SC
	KS	TLS 4000 MK2				PAGE 1 OF 2
STUDER		INTERFACE BVU 800		"ESE"	SC	1 842.410.20



21.01.0282
24.46.4025

21.04.0280
24.46.4025

Symbol	verlötet	Gegenstand	Norm. Nr.	Anzahl
⊕	⊕	Front Pin	1.010.027-54	
X	○	Kontakt Pin	1.010.028-54	695
○	⊕	Dummy Pin	1.040.029-54	412

Norm-Nr.:	Werkstoff:	DIN-Bez.:	Abmessung:	Norm-Nr.:	Gene.:	Ben.:	Änderung:
Eigentliche Unterlagen		Freemaschinen:		Maßstab:		Ausgabe	
PL		2:1		Datum		8.11.88 A.Ho KS	
Ersatz für		Ersetzt durch		Kopie Nr.			
STUDER REGENSDORF ZÜRICH		ESE INTERFACE BVU 800		Nummer:		1.812.410-00	

IND.	PCS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	A..0011	1.812.208.00		Assembly 406-11	St
	A..0013	1.812.208.00		Assembly 406-11	St
	A..0016	1.812.210.00		Assembly 410-16	St
	A..0062	1.812.201.00		Assembly 106-62	St
	C..0001	59.99.0205	68 nF	-20%, 63V, CER	
	C..0002	59.25.3470	47 uF	-10%, 16V, EL	
	C..0003	59.99.1200	0.068 uF	10%, 100V, MPETP	Quantity: 12
	DL.C001	50.04.2107		LED red, 555-2007	Di
	DL.0002	50.04.2107		LED red, 555-2007	Di
	F..0001	51.01.0122	3.15 AT	250V, 5 * 20	
	IC.0012	50.11.0104		LM 339 AN, UA 339	,A
	IC.0017	50.15.0114		uA 9637	
	IC.0018	50.07.0015		MC 14053 BCP	,A
	IC.C027	50.15.0115		SN 75176, DS 3695	
	IC.C048	50.06.0074		SN 74 LS 74 N	
	IC.0049	50.06.0014		SN 74 LS 14 N	
	IC.0051	50.06.0000		SN 74 LS 00 N	
	IC.0052	50.06.0163		SN 74 LS 163 AN	
	IC.0053	50.06.0541		SN 74 LS 541 N	
	IC.0054	50.06.0540		SN 74 LS 540 N	
	IC.0056	50.16.0101		MC 68A50, S68A50	,A Mot,AMI
	IC.C058	50.16.0114		MC 68A52, HD 68A52	,A Mot,Hi
	IC.0061	50.06.0540		SN 74 LS 540 N	
	IC.0065	50.06.0645		SN 74 LS 645 N	
	IC.C072	50.06.0139		SN 74 LS 139 N	
	IC.C073	50.16.0107		MC 6803P-1, HD 6803P-1	,A Mot,Hi
	IC.0075	50.06.1573		SN 74ALS 573 N	
	IC.C076	50.14.0107		HM 6116 LP-4, MSM 5128-15	,A Hi,OKI
	IC.C078	50.14.0113	see note	D 2764-3, HN 482764 G-3	,A It,Hi
	K..0041	56.02.1003	5 V 1*A	100V/0.5A, Print Relay	
	L..0001	62.01.0115		Wide Band HF-Choke	

INC.	PCS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	P..0001	54.01.0354		Card Connector 3 * 32 Euro Wrap	
	RZ.0014	57.88.4332	8 *3.3K	5%, Single Line	
	RZ.0015	57.85.3103	8 *1CK	5%, Single Line	
	RZ.0055	57.88.4332	8 *3.3K	5%, Single Line	
	RZ.0079	57.88.4332	8 *3.3K	5%, Single Line	
	S..0071	55.01.0168	8 * CN	DIL Switch	

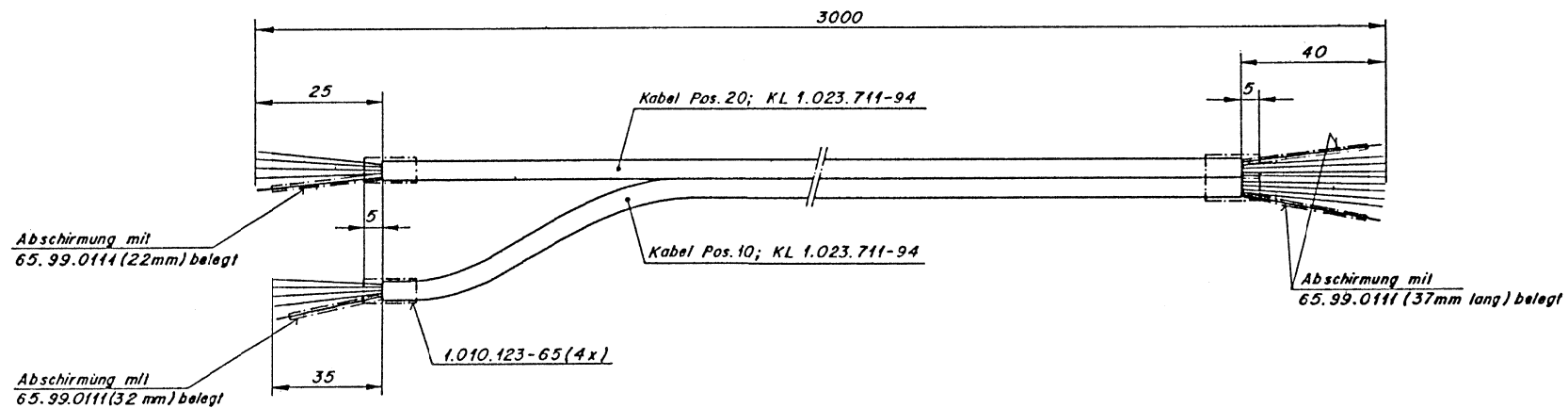
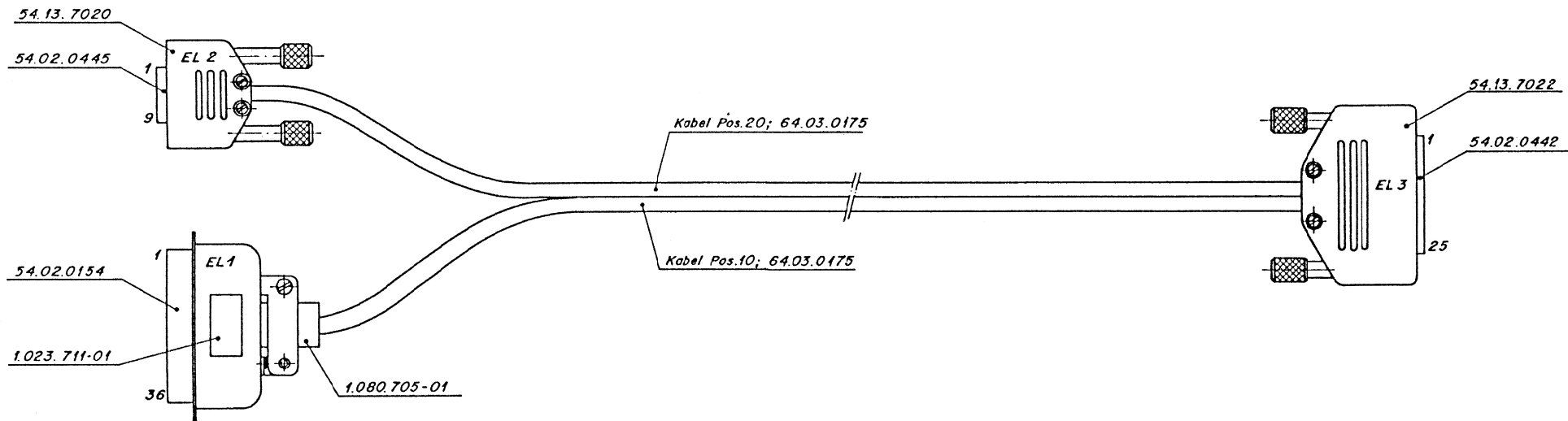
NOTE : Software release 1.812.955.21 (IC 78)

CER = Ceramic, EL = Electrolytic, MPETP = Met. Polyester

MANUFACTURERS : Di=Dialco, St=Studer, Mot=Motorola
 Hi=Hitachi, It=Intel, CKI=OKI Semiconductor

ORIG 86/10/24

S T U D E R (00) 86/10/24 SC INTERFACE BVU 800 1.812.410.21 PAGE 2



Norm-Nr.: DIN-Bez.: Abmessung:	Gute		Änderung ① ② ③
	Beh.		
	Freemasstoleranz: Maßstab:		
Zugehörige Unterlagen: VL, KL BV 647	Freemasstoleranz: :	Maßstab: 1:1	Ausgabe 11.12.85 AH Datum KS Gepr. Ges. Inde
Ersatz für:	Ersetzt durch:	Kopie für:	
STUDER REGENSDORF ZÜRICH	Benennung IF-Kabel BVU 800, 3m		Nummer: 1.023.711-00

PRODUKTIONS-VERDRÄHTUNGS-LISTE

*** 1.023.711.00 ***

ACND.DAT. 85/12/09-

SFITF

IF-KABEL BVJ 800 3M

PROC.DAT. 86/01/07 * 11:03

TOTAL 1 SEITE

MOD IDX	BAUTEIL NR.	POS/A. NR.	FARBE	SIGNAL	NAME	-- A N F A N G --				--- A N Z A P F U N G ---				----- F N D F -----				BEM			
						TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE		TYP	VERDRÄHTUNGSORT	
						AS	GR	EL	PT	ANFANG	AS	GR	EL	PT	TOTAL	AS	GR	EL	PT		
	1.023.711.94	0010													3000						
		0010	RT	REMON+	SN3	00	00	01	01							B	00	00	03	25	
		0040	WS	CAPCK	SN3	00	00	01	29							B	00	00	03	20	
		0020	GB	DIR	SN3	00	00	01	30							B	00	00	03	17	
		0030	BL	CLK	SN3	00	00	01	34							B	00	00	03	10	
		0050	SC	0.0V	SN3	00	00	01	35							B	00	00	03	19	
	1.023.711.94	0020													3000						
		0010	RT	RA	A	00	00	02	02							B	00	00	03	22	
		0020	GB	TB	A	00	00	02	03							B	00	00	03	03	
		0030	SC	TC	A	00	00	02	04							B	00	00	03	04	
		0040	BL	RB	A	00	00	02	07							B	00	00	03	23	
		0050	WS	TA	A	00	00	02	08							B	00	00	03	02	