

## Spare parts list: Version: 1 January 2021

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General Electric 1050			Group: A 050	DKK
ADC 71	44A 399 790 - G01	Analog Digital conv. (X Y Z 4 MFO adjust)	9600,00	
AGA 1	44A 399 777 - G01	Axis board gain adj. board for 2 axis	560,00	
AXIS 2	44A 399 739 - G01	Axis board for 2 axis	16940,00	
CPSI 1	44A 398 723 - G01	Serial interface (Punch output)	8700,00	
CPU 3	44A 394 506 - G01	Central processor unit	30343,00	
DPAC1	44A 294 577 - G01	Digital feed-back interface	21450,00	
IC 641	44A 294 587 - G01	Input filter (1050 MCCM model A)	7300,00	
IFI 32	44A 398 712 - G01	Input filter	9950,00	
IO 128	44A 297 024 - G01	Input / Output board 1050 MCCM	21200,00	
ODI 32	44A 398 711 - G02	Output driver	9850,00	
OD 642	44A 294 592 - G01	Output driver (1050 MCCM model A)	7900,00	
PERI 1	44A 398 714 - G02	Tape reader interface	14278,00	
RM 42	44A 399 771 - G05	Memoryboard (4K)	6800,00	
RM 82	44A 399 771 - G06	Memoryboard (8K)	8600,00	
RM 122	44A 399 771 - G07	Memoryboard (12K)	10100,00	
RM 162	44A 399 771 - G08	Memoryboard (16K)	12700,00	
RM 484	44A 294 568 - G06	Memoryboard (48K)	25100,00	
RM 644	44A 294 568 - G05	Memoryboard (64K) (Can be replaced by RM 645)	32931,00	
RM 645	44A 297 098 - G01	Memoryboard (64K) (Can be replaced by RM 644)	32931,00	
SINT 1	44A 294 554 - G01	Serial interface board	29420,00	
SINT 2	44A 294 555 - G01	Serial interface board	27287,00	
SINT 3	44A 397 027 - G01	Input / Output board 1050 MCCM	27462,00	
THC 1D	44A 399 742 - G01	Threadcutting board	15100,00	
SNRD 2A	44A 399 748 - G01	Display (4 tube for block number)	1340,00	
TRAD 2	44A 398 716 - G01	Tape reader interface: 1050 T/MC (Board mounted on door (under tapereader))	3805,00	
TRAD 4	44A 394 516 - G01	Tape reader interface: 1050 MCC (Board mounted on door (behind tapereader))	5525,00	
BCR 1	44A 399 708 - G01	Memory battery charger	4540,00	
REG 8	44A 399 746 - G01	Memory power supply	9455,00	
REG 9	44A 399 752 - G01	Pwr. sup. Control board: (PS 105 and PS 112)	13707,00	
REG 11	44A 399 752 - G02	Pwr. sup. Control board: (PS 106 and PS 113)	9511,00	
PS 112	44A 399 751 - G01	Power supply +/- 12V Power board (Stock: 0)	12850,00	
PS 113	44A 399 751 - G02	Power supply +/- 12V Power board	13100,00	
PS 105	44A 399 750 - G01	Power supply +5V Power board	7600,00	
PS 106	44A 399 750 - G02	Power supply +5V Power board	7700,00	
ROPS 1	44A 397 899 - G01	Display power supply	3900,00	
DISPLAY (256 Char.)	03100-00-256N (25710-01)	Argus display complete (Char. 256)	23500,00	
05464	ASSY 25709-01	Argus display (Control board on backside of display)	23500,00	
DISPLAY (256 Char.)	44A 399 680 - 001	Burroughs display complete (Char. 256)	19500,00	
BDS 4083 32 PD 1	2557 7420	256 Chr. readout (Driver board screwed to glas display)	4100,00	
AD 256	44A 399 759 - G01	256 Chr. readout (Control board on backside of display)	9770,00	
DISPLAY (32 Char.)	SSD 01 32 A00 30	Burroughs display complete (Char. 32) (Part no.: 2557 9616)	11000,00	
AD 32	44A 399 755 - G01	32 Chr. readout (Control board on backside of display)	7800,00	
Keyboard	1KS187 45494-1	Keyboard (1050T) 12 Pushbutton (0-9 +-)	1700,00	
DDM 3	44A 294 649 - G01	Diode matrix (1050T) 12 Pushbutton (0-9 +-)	350,00	
ANKB 1	44A 399 793 - G01	Keyboard (1050MC / 1050P) 20 + 20 Pushbut.	4550,00	
LDR 8	44A 394 524 - G01	Remote controlst. (1050T) interface board	3440,00	
LRCV 8	44A 394 525 - G01	Remote controlst. (1050T) interface board	3570,00	
KBLA 1	44A 294 531 - G01	Keyboard (1050T) (16 + 13 Pushbutton)	3500,00	
CIF 1	44A 294 583 - G01	Interface board: control station / membran panel with clamps	1700,00	
CIF 2	44A 294 538 - G02	Interface board: control station / membran panel with plugs	1700,00	
CS 9	44A 294 579 - G01	Control station board 1050 MCCM (Board with 76 LED and clamps)	11189,00	
CS 11	44A 294 579 - G05	Control station board 1050 MCCM (Board with 76 LED and plugs)	12276,00	
COM 4	44A 294 595 - G01	Relay brd and Disply pwr sup: 1050 MCCM	9600,00	
CCON 1	44A 297 028 - G01	Interface board for 1050mccm	1900,00	
CS PANEL	44? ??? ??? - G01	1050mcc Plast overlay: 44D 904121 REV 0)	30128,00	
BKPL5	44A 294 566 - G01	Backplane for 1050MCCM	5700,00	
BKPN7	44A 398 710 - G01	Backplane for 1050NC/T	7680,00	
TRAFO	44B 398 048 - 001	Incomming power transformer 2.45 KVA	6750,00	
Tape reader	44D 232 560 - G01	1050 Tape reader Complete unit	4200,00	
Tape reader	3N 3200 TR105 A1	1050 MCCM Tape reader Complete unit	6700,00	
Step. motor	44A 393 669 - 001	1050 Tape reader Step motor	3050,00	
Reeler motor 115V	44A 399 689 - 001	1050 Tape reader motor Reeler motor (0325432 (117030-00))	850,00	
Reeler option 115V	3N 3200 TR 104 B1	Reeler option (150 CPS Reeler) Complete unit	3500,00	
Key	1096 X	Door lock 1050 controls	75,00	

General Electric 1050 Software			Group: A 060	DKK
1050MC	44S 286 964 - B7	DIAG SOFT.	Iron, Wittenborg, Hartmann	1700,00
1050MC	44S 286 964 - C1B	DIAGNOSTIC SOFTWARE	ALPHA / BZ30	1700,00
1050MCCM	44S 286 993 - D1	DIAGNOSTIC SOFTWARE	ALPHA / Pamalti	1700,00
1050MC	44S 703 314 - B6F	EXECUTIVE SOFTWARE	WITTENBORG	1700,00
1050MCCM	44S 286 980 - X7C	DIAGNOSTIC SOFTW.	Behrens Novenco	950,00
1050MCCM	44S 286 993 - D1	DIAGNOSTIC SOFTWARE	Behrens	950,00
1050MCCM	44S 703 560 - CEB	EXECUTIVE SOFTW.	Behrens Novenco	1700,00
1050MCCM	44S 703 660 - CNC	EXECUTIVE SOFTWARE	Behrens 1050 mccm	1700,00
1050P	44S 703 319 - CEB	EXECUTIVE SOFTWARE	Behrens CH Armatur	1700,00
1050P	44S 703 319 - CGF	EXECUTIVE SOFTWARE	Behrens DTU	1700,00
1050P	44S 703 319 - CNC	EXECUTIVE SOFTWARE	Behrens SBA	1700,00
1050P	44S 789 120 - B6 TB	EXECUTIVE SOFTWARE	Behrens CH Armatur	1700,00
1050	Tape copy	Executive/Diagnostic software		1700,00
1050	Book copy	Blue book / Diagram book		500,00

General Electric PWM Axis drive:			Group: A 110	DKK
	PWMA 1A	44A 397 870 - G01	Used by Behrens for ACC / DEC	4700,00
	PWM 50	44A 399 749 - G08	Power and control board (PWM 50 12,5 A) (Stock 0)	17100,00
	PWM 99	44A 399 749 - G02	Power and control board (PWM 99 25,0 A)	18500,00
	PWMP 1	44A 398 797 - G01		11700,00
	PWMP 2	44A 398 786 - G01	Can be interchanged with PWMU 2	8400,00
	PWMU 2	44A 398 786 - G08	Can be interchanged with PWMP 2	8410,00
	PWMP 3	44A 398 786 - G02	Can be interchanged with PWMU 3	10100,00
	PWMU 3	44A 398 786 - G07	Can be interchanged with PWMP 3	10150,00
	PWMC 3	44A 398 795 - G01	Can be interchanged with PWMC 4	10871,00
	PWMC 4	44A 398 795 - G04	Can be interchanged with PWMC 3	10900,00
	PWML 2	44A 398 709 - G01	Regenerative load	8960,00
	PWMR 2	44A 398 788 - G03	Can be interchanged with PWMR 3	9585,00
	PWMR 3	44A 398 788 - G05	Can be interchanged with PWMR 2	9600,00
	Loop contactor 95V	44A 399 668 - 001	PWM Loop cont. IC4482CTRA701BA404A1	3084,00
	Loop contactor 150V	44A 399 668 - 001	PWM Loop cont. IC4482CTRA701BA115A1	3087,00
	COIL 95V	393B 257 G404	95V Coil for Loop cont. Updated to 100V	1270,00
	COIL 150V	393B 257 G415	150V Coil for Loop contactor	1270,00

General Electric Axis Motor:			Group: A 140	DKK
	BRUSHES	SCP 443 E	Brush: Bilco mot. 183-18-0798-0 K 6663	252,00
	BRUSHES	SCP 443 E (25,33 x 6,27 mm)	Brush: Behrens mot. 191-04-0018-0 DRE 4ZBS2	145,00
	BRUSHES	DPM 56 (12,56 x 6,27mm)	Brush: f.ex VP mot. 183-18-0350-0 DPM 56 PF4	128,00
	BRUSH CAP	DPM 56 (ø18,75 x 5,4mm)	Motor Brush cap (Outside thread)	Pedersen 32,00
	BRUSH HOLDER	DPM 56	Motor Brush holder	Pedersen 170,00
	Tacho brushes	DPM 56 (Tacho only)	Tacho	Pedersen 125,00

# Fanuc:

Fanuc:			Group: B 010	DKK
Switch	Rot. sw. for panel	411 aa	Stack-pole 4 layer 26 contacts / 13 pos (MFO override)	1200,00
Switch	Rot. sw. for panel	411 ap	Stack-pole 4 layer 26 contacts / 25 pos (MFO override)	1200,00
Switch	Rot. sw. for panel	511 ap	Stack-pole 5 layer 26 contacts / 25 pos (MFO override)	1400,00
Switch	Rot. sw. for panel	EBE 46-495	Code: 1 2 8 16 4 C Used by Monforts	1160,00
Input unit	A14B-0076-B001	Board: A16B-1600 - 0090	Input unit ON / OFF logic	4500,00
Input unit	A14B-0076-B104	Board: A16B-1600 - 0080	Input unit ON / OFF logic	4200,00
Input unit	A14B-0076-B209	Board: A20B-1001 - 0210A	Input unit ON / OFF logic	3800,00
I/O card	A20B-2002-0470		Card with a fuse	5800,00
MPG		A860 - 0201 - T001	M.P.G. Handwheel (Pulse Generator +5V / 0V A / B)	1900,00
MPG		A860 - 0203 - T001	M.P.G. Handwheel (New unit) (Pulse Generator +5V / 0V A / B)	2300,00
MPG	OGM-01-2	DAIWA DENGYO K.K.	M.P.G. Handwheel (Old type) (Pulse Generator +5V / 0V A / B)	1700,00
Overlayer		A98L - 0001 - 0482 #M	Plastfolie: FANUC 10	1550,00
Overlayer	A02B-0083 - K201	A98L - 0001 - 0518 # T	Plastfolie: FANUC 0	870,00
Overlayer		A98L - 0001 - 0518 # TR	Plastfolie: FANUC 0T PB (Key sheet for CRT/MDI 9" FS-0)	880,00
Overlayer	A02B-0084 - K201	A98L - 0001 - 0518 # M02	Plastfolie: FANUC 0M PB (RESET CURSOR)	980,00
Overlayer		A98L - 0001 - 0518 # MB	Plastfolie: FANUC 0M PB (RESET CURSOR)	775,00
Overlayer		A98L - 0001 - 0524 # DP	Plastfolie: FANUC 0 (Key sheet TORNOS)	1070,00
Overlayer	A02B-0083 - C145	A98L - 0001 - 0524 # F	Plastfolie: FANUC 0T PB (Key sheet for operators panel)	1090,00
Overlayer	A02B-0083 - C147	A98L - 0001 - 0524 # K	Plastfolie: FANUC 0T PB (Key sheet for operators panel)	1125,00
Overlayer	A02B-0091 - K211	A98L - 0001 - 0629	Plastfolie: FANUC 9" (Key sheet 0T/M Soft key 7)	400,00
Overlayer		A98L - 0001 - 0630	Key sheet for softkey 14" (12 Soft keys)	510,00
Overlayer		A98L - 0001 - 0568 # T	Key sheet: FANUC 0T PB (Key sheet for full key FS-0T)	980,00
Overlayer		A98L - 0001 - 0568 # TR	Key sheet: FANUC 0T PB (Key sheet for full key FS-0T)	990,00
Overlayer		A98L - 0001 - 0568 # M	Plastfolie: FANUC 0M PB (Key sheet for CRT/MDI 9")	1188,00
Overlayer	A02B-0084 - K202	A98L - 0001 - 0568 # MR	Plastfolie: FANUC 0M PB (Key sheet for CRT/MDI 9")	840,00
Overlayer		A98L - 0001 - 0524#B	Plastfolie: FANUC 0T PB (Jog panel)	850,00
Overlayer		A98L - 0001 - 0628#E	Plastfolie: FANUC 10T PB (Key sheet)	910,00
Overlayer		A98L - 0001 - 0647#M	Plastfolie: FANUC 15 PB (Reset Start NC/PC)	1040,00
Overlayer		A98L - 0005 - 0032#D	Plastfolie: FANUC 0T (Cover sheet for CTRL)	980,00
I/O unit	A03B-0815-C003		Yellow cabinet with plug	2500,00
I/O Link	A13B-0154-B001		With 1 meter cable and 3 meter Optical-cable	2100,00
Cable	Optical fiber cable	A66L - 6001 - 0023#L300R0	Inside cabinet 0,3 meter	600,00
Cable	Optical fiber cable	A66L - 6001 - 0023#L1R003	Inside cabinet 1,0 meter	600,00

Fanuc Power mate:			Group: B 015	DKK
CRT	A02B-0120-C051	9" CRT/MDI UNIT	Keyboard: A86L-0001-0172#MH2R	5500,00
CRT	A02B-0166-C201	9" CRT/MDI UNIT	Crt Display module: Type D9MM-11A (A61L-0001-0093) Interface board: A20B-2000-0840/08B Keyboard: A86L-0001-0171#SM2S	6700,00

Fanuc 0:			Group: B 020	DKK
Base	A16B-1002-0360		Motherboard Fanuc 0 MF Type A02B-0098-B501	19500,00
Base	A16B-1010-0150		Motherboard Fanuc 0 T Type A04B-0221-B201	17500,00
Base	A16B-1010-0285		Motherboard Fanuc 0 MB Type A02B-0091-B501	17000,00
Base	A16B-2000-0170		Motherboard Fanuc 0 TC Type A02B-0098-B511	19900,00
Base	A20B-2002-0450		Motherboard	14400,00
AXE-B1	A16B-2203-0020		Axis board Type-B	19500,00
AXE-D1	A16B-2200-0220		Axis board	10050,00
GR-C1	A16B-2200-0350		GR-C1 board	8400,00
AXE-D3	A16B-2200-0360		Axis board	10100,00
AXE-D4	A16B-2200-0361		Axis board	10150,00
DNC 1	A16B-2200-0770		Remote buffer	14300,00
PMC M	A16B-1211-0907		PMC-M RAM board	12700,00
ADD I/O A3	A16B-1210-0590		ADD. I/O A3 board	6500,00
Graphic	A16B-1210-0800		Graphic / MPG board	8500,00
Graphic	A16B-1211-0920		Graphic / MPG board	13400,00
I/O board	A16B-1211-0300		I/O C3 board	7100,00
I/O board	A16B-1212-0220		I/O C7 104/72	12600,00
I/O board	A16B-1212-0221		I/O C6 80/56 (Inp 21.4 defect)	13800,00
I/O board	A16B-1212-0222		I/O C5 40/40	9700,00
I/O board	A16B-1211-0946		I/O D6 board	13800,00
I/O board	A16B-1211-0972		I/O E1 board	6600,00
Power unit	A16B-1210-0510		Power supply (Logic rack) Fanuc 0 and 10	10150,00
Power unit	A16B-1211-0850		Power supply (Logic rack) Fanuc 0 and 10-A	14100,00
Power unit	A16B-1211-0890		Power supply (Logic rack) Fanuc 15	14000,00
Power unit	A16B-1212-0100		Power supply (Logic rack) Fanuc 0	12400,00
Power unit	A16B-1212-0110		Power supply (Logic rack) (IJH control)	14040,00
Power unit	A16B-1212-0950		Power supply (Logic rack)	15100,00
MEM-A3	A16B-1212-0210		Memory board	9700,00
MEM-A4	A16B-2201-0101	Memory with serial spindle	Memory board	12500,00
I/O board	A16B-1310-0380	PROM: 6003 001A	I/O board control station	7900,00
Keyboard	A20B-1001-0720	Softkey (7 keys)		500,00
Keyboard	N860-3118-T001	A86L-0001-0126	Front where CRT is mounted	2800,00
Keyboard	N860-3127-T010	A86L-0001-0137	Front where CRT is mounted	2950,00
PC casset	A02B-0094-C101		PMC cassette A	1400,00
PC casset	A02B-0094-C102		PMC cassette B	1400,00
Macro casset	A02B-0098-C117		Macro cassette	1400,00
Macro casset	A02B-0099-J553		Macro cassette	1400,00
CRT	A02B-0092-C042	9" CRT/MDI UNIT	Crt Display module: Type MDT947B (A61L-0001-0093) Key board: A86L-0001-0125 #A	10500,00
CRT front	A02B-0098-C045	Front with keyboard only	Key board: A86L-0001-0125 #A / N860-3117-T010 10A	2100,00

Fanuc 6:			Group: B 035	DKK
Motherbrd	A16B-1000-0030		Motherboard 6MB	33200,00
Motherbrd	A20B-0008-0041		Motherboard 6MB / TB	31000,00
Bubble bd		A87L - 0001 - 0016 xxx	Bubble board MBU 64-2	5600,00
Bubble bd		A87L - 0001 - 0084 xxx	Bubble board MBU 1M-1	5800,00
ROM bd	A20B-0008-0480		ROM board	6700,00
PC-B	A20B-0008-0440		PC-MODEL-B board	6500,00
Crtc/Punch	A20B-0008-043x		CRTC / PUNCHER board	8800,00
Interface	A20B-0007-0030		Keyboard interface board	1700,00
Keyboard	A20B-0007-0445		Keyboard	2100,00
ADD AXIS	A20B-0007-0090		ADD AXIS (P/C)	5600,00
Power sup	A14B-0061-B001		Power supply board: A20B-0007-0330/xxx	9700,00
Power sup	A14B-0061-B002		Power supply board: A20B-1000-0030/xxx	9900,00
Input unit	A14B-0061-B103		Input unit board: A20B-0007-0340/06A	2700,00
I/O board	A20B-0008-054x		Connection unit (Interface board)	5800,00
Axis board	A20B-0008-047x		Add. Axis (ind.) board	6100,00
Power sup	A20B-1000-0470		Control station power supply	3400,00
CRT board	A20B-1000-0480		Control station Interface board	5800,00
Interface	A20B-1000-0500		Control station Connection board	530,00
Detect-H	A16B-1200-0180		Detector - H board	6950,00
Graph/Punch	A16B-1200-0310		Graph int. / Punch board	7600,00
ROM	A16B-1200-0450		ROM board	4700,00

Fanuc 10/11/12:			Group: B 040	DKK
Axis board	A16B-1211-0270		Axis control	8840,00

Axis board	A16B-1211-0271		Axis control	8700,00
ROM/RAM	A16B-1211-0291		ROM/RAM board	7600,00
PC casset	A02B-0076-K002		PC cassette B with 4 E-prom inside	2500,00
PC RAM 1	A16B-1210-0340		PC RAM 1 board (With 3 batteries)	11600,00
Option 1	A16B-1210-0350		Option 1 board	8700,00
Motherbrd	A16B-1010-0041		Motherboard 10TF	24000,00
Motherbrd	A16B-1010-0050		Motherboard	29000,00
Motherbrd	A16B-1010-0200		Motherboard 11 MD (Stock: 0)	32900,00
Motherbrd	A16B-1010-0141		Motherboard 10TE-F	31000,00
Power unit	A16B-1210-0560		Power supply (Fanuc 11)	15700,00
Bubble bd		A87L - 0001 - 0086 05C	Bubble board (1286 meter)	8900,00
APC bd.	A16B-1210-0410		APC board with A16B-1310-0300/03A board	17400,00
Ram bd.	A16B-1210-0470		ROM / RAM	7000,00
Axis bd.	A16B-1210-0440		AD. AXS (R,P)	9000,00
Ram bd.	A16B-1210-0471		ROM / RAM	6500,00
Add. mem	A16B-1210-0381		Add. Memory	7400,00
SRAM	A16B-2201-0130		SRAM (BMU)	14400,00
SRAM	A16B-2201-0134		SRAM (BMU)	15000,00
Input unit	A14B-0076-B10	Board: A16B-1600 - 0080 / 04A	Input unit	4500,00
Keyboard	N860-3482-T010		Without plastoverlayer	2400,00
Power sup	A20B-1001-0160		Located in control station	7600,00
I/O unit	A20B-1001-0241		I/O board with Optical interface	8700,00
MDI/CRT	A20B-1000-085x		Control station interface board	9800,00
MDI/CRT	A20B-1000-0800		Control station interface board	8400,00
Kkeyboard	A20B-1000-0830		Keyboard	2350,00
Conn.unit	A20B-1000-0940		Connection unit 1 with power supply and optic plug	18400,00
Conn.unit	A20B-1000-0950		Connection unit 2	14300,00
Opr.panel	A16B-1210-048x		Operators panel	8400,00
Cable			Optical fiber cable (1.5 / 3.0 meter) Plug marked:TOCP80 TOSHIBA	1500,00
Cable			Optical fiber cable (10 meter) Plug marked:TOCP80 TOSHIBA	1800,00

<b>Fanuc 15:</b>	<b>Group: B 050</b>	<b>DKK</b>
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Base 0	A16B-2200-012x	P1E	Base board (With 4 yellow LED and 4 red LED)	21000,00
Base 2	A16B-2200-0020	P25	Base board (With 8 yellow LED and 4 red LED)	11100,00
Base 2	A16B-2200-0021	P25	Base board (With 8 yellow LED and 4 red LED)	12300,00
Detector adapt	A16B-2200-0031	PG2	Detector adaptor	9570,00
RISC-C	A16B-2200-0091	P23	RISC-B CPU	12100,00
Axis control	A16B-2200-0091	PG1	Axis board (4 red LED)	17800,00
Base 1	A16B-2200-0130	P1D	Base board (With 4 yellow LED and 4 red LED)	19500,00
Conver. cpu	A16B-2200-0150	P21	CPU board	14200,00
Graphic cpu	A16B-2200-0160	P22	CPU board (4 yellow LED)	15400,00
Remota buffer	A16B-2200-0170	P26	Remote buffer board (4 yellow LED)	10100,00
Motherboard	A20B-1003-062x		Motherboard 15TF	16500,00
Main C	A20B-2902-0420		PCB digital servo module A20B-2902-0420 is used inside A16B-3200-0060	3800,00

<b>Fanuc 16:</b>	<b>Group: B 055</b>	<b>DKK</b>
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PSU B1	A16B-1212-0871		Power supply	9500,00
FS1B MAIN	A16B-3200-0010		Main unit	12400,00
OPT 2	A16B-2202-0401			9700,00
I/O	A16B-2202-0726		I/O unit	7400,00

<b>Fanuc Axis control unit:</b>	<b>Group: B 060</b>	<b>DKK</b>
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Servo Axis	A06B-6050-H001	Servo amplifier 1 axis AC-H001	Buttom board: A20B-1000-0600 Top board: A20B-1000-0590	8400,00
Servo Axis	A06B-6050-H002	Servo amplifier 1 axis AC-H002	Top board: A20B-1000-0560	21300,00
Servo Axis	A06B-6050-H102	Servo amplifier 1 axis AC-H102	Top board: A20B-1000-0560	23400,00
Servo Axis	A06B-6050-H103	Servo amplifier 1 axis AC-H103	Top board: A20B-1000-0560	24500,00
Servo Axis	A06B-6050-H301	Servo amplifier 1 axis AC-H301	Buttom board: A20B-1001-0410 Top board: A20B-1001-0420	10600,00
Servo Axis	A06B-6057-H006	Servo amplifier 1 axis AD-H006	Top board: A16B-1200-0670	25300,00
Servo Axis	A06B-6057-H015	Servo amplifier 1 axis AD-H015	Top board: A16B-1200-0670	26900,00
Servo Axis	A06B-6058-H002	Servo amplifier	Buttom board: A20B-1002-0740 Top board: A20B-1002-0730	11400,00



Servo Axis	A06B-6058-H004	Servo amplifier 1 axis 5M	Buttom board: A20B-1003-014 Top board A20B-1003-0090 Transistor module 50L-0001-0125	20500,00
Servo Axis	A06B-6058-H005	Servo amplifier 1 axis 6S 10S 20S	Buttom board: A20B-1003-0081 (T084/03) Top board A20B-1003-0090 (A20B-1003-0090/02) Power module (TH) 50L-0001-0125#A 6DI50A-060 Rectifier module (DS): A50L-2001-0232 6RI30F-080 Transistor module (TR) A50L-0001-0179/30A 1DI30A-060 Capacitor (C1/C2): 1000µF 400V Relay (MCC1/MCC2): A58L-0001-0258 AP 10 FMC-OASZ42	25500,00
Servo Axis	A06B-6058-H006	Servo amplifier 1 axis 20S 30S	Buttom board: A20B-1003-0080 (T084/03) Top board A20B-1003-0090 (A20B-1003-0090/02) Power module (TH): A50L-0001-0178 6DI85A-060 Rectifier module (DS): A50L-2001-0232 6RI30F-080 Transistor module (TR): A50L-0001-0179/30A 1DI30A-060 Capacitor (C1/C2): 1000µF 400V Relay (MCC1/MCC2): A58L-0001-0258 AP 10 FMC-OASZ42	31000,00 Stock: 0
Servo Axis	A06B-6058-H025	Servo amplifier 1 axis 5S 10S	Buttom board: A20B-1003-0084 (T084/03) Top board A20B-1003-0090 (A20B-1003-0090/02) Power module (TH): A50L-0001-0178 6DI85A-060 Rectifier module (DS): A50L-2001-0232 6RI30F-080 Transistor module (TR): A50L-0001-0179/30A 1DI30A-060 Capacitor (C1/C2): 1000µF 400V Relay (MCC1/MCC2): A58L-0001-0258 AP 10 FMC-OASZ42	21000,00
Servo Axis	A06B-6058-H221	Servo amplifier 2 axis	Buttom board: A20B-1003-027X Top board A16B-1200-0800	35000,00
Servo Axis	A06B-6058-H224	Servo amplifier 2 axis	Buttom board: A20B-1003-0274 Top board A16B-1200-0800	39000,00
Servo Axis	A06B-6058-H322	Servo amplifier 3 axis	Top board A16B-1100-0280	38000,00
Servo Axis	A06B-6058-H334	Servo amplifier 3 axis 0/5/10X3	Top board A16B-1100-0330 (Stock: bad unit) Buttom board: A20B-1003-0864 (Stock: bad unit)	41000,00
Servo Axis	A06B-6047-H002	Servo amplifier 1 axis	Top board A20B-0009-0320	14200,00
Servo Axis	A06B-6047-H003	Servo amplifier 1 axis	Top board A20B-0009-0320 Transistor module EVK 31 - 050 Transistor MG15G1AL1 Transistor DSM20A6 Rectifier RST MDB20A6	14300,00
Servo Axis	A06B-6047-H040	Servo amplifier 1 axis	Top board A20B-0009-0320	14400,00
Servo Axis	A06B-6047-H041	Servo amplifier 1 axis	Top board A20B-0009-0320	15600,00
Servo Axis	A06B-6079-H207	Servo amplifier 2 axis	Yellow cabinet	25500,00
Servo Axis	A06B-6093-H102	Servo amplifier 1 axis	Yellow cabinet	7100,00
Board	A16B-1200-0670	Servo amplifier 1 axis	Top board	13100,00
Board	A20B-1000-0560	Servo amplifier 1 axis	Top board	12300,00
Board	A20B-1003-014	Servo amplifier 1 axis	Buttom board	14000,00
Board	A20B-1003-0090	Servo amplifier 1 axis	Top board	15000,00
Board	A16B-1200-0800	Servo amplifier 2 axis	Top board	17000,00
Board	A20B-1003-008x	Servo amplifier 1 axis	Buttom board	10500,00
Board	A20B-1003-027	Servo amplifier 2 axis	Buttom board	11500,00
Board	A16B-1100-0280	Servo amplifier 3 axis	Top board	22500,00
Board	A20B-0009-0320	Servo amplifier 1 axis	Top board	10300,00
Servo Axis	A06B-6066-H234	Servo amplifier 2 axis	Yellow cabinet EC 2 when cold	13000,00
Spindle	A06B-6078-H311#H500	Spindle amplifie SPM11-TYP	Yellow cabinet	28500,00
Spindle	A06B-6088-H222#H500	Spindle amplifie SPM22 Type Ir	Yellow cabinet	29300,00
Servo Axis	A06B-6089-H104	Servo amplifier 1 axis	Yellow cabinet	14000,00
Servo Axis	A06B-6089-H204	Servo amplifier 2 axis	Yellow cabinet Power module: A50L-0001-0266#N 7MBP50RA060-01 Rectifier module: A50L-2001-0232 6RI30FE-080	17000,00
Power supply	A06B-6087-H126	Power supply PSM 26	S1: ON S2: OFF Motherboard A20B-1006-0471/04B Control board: A16B-2202-0421/14I Daughter board: A20B-2902-0390 / 02A Power module: A50L-0001-0302#L Fan Internal: Panaflo FBK08T24H DC24V 0,17A Fan External: Style Model US12D23 230V	23000,00
Board	A20B-0004-0170/10D		Velocity control unit A06B-6035-Hxxx (Top board with trafo) FANUC 5T	2700,00
Board	A20B-0004-0171/10D		Velocity control unit A06B-6035-Hxxx (Top board without trafo) FANUC 5T	2550,00
Transistor	MG15 G1 AL2	A50L - 0001 – 0092	Transistor with 3 terminals (ETF81-050) (Fuji) (Stock: 0)	1050,00
Transistor	MG15 G1 AL1		Transistor with 3 terminals (Toshiba)	1050,00
Transistor	1DI30A-060	A50L-0001-0179/30A	Transistor module with 3 terminals	750,00
	EKV 31- 050	Fuji 50A 500V	Transistor module (50A x 500V)	3100,00
Thyristor		CP 08 E	Velocity control unit A06B-6035-Hxxx (Thyristor) FANUC 5T	335,00
Thyristor		EGG 06 – 04 92	Velocity control unit A06B-6035-Hxxx (Thyristor) FANUC 5T	365,00
Encoder	TS 1508 N 67	Tamagawa Seiki Co. Ltd.	Spindle encoder: Supply DC+5V 1024 Counts/turn FANUC 5T	2150,00
Brush	A290 - 0641 - V001	Motor: DC Servo model 5M	Size: 15,8 mm x 4,7 mm x 20,9 mm long Wire: 28 mm long Mark: 660)	175,00
Brush		Motor: DC Servo model 10M	Size: 15,8 mm x 5,8 mm x 20,9 mm long Wire: 28 mm long Mark: 660)	195,00
Brush cap	A290 - 0601 - X009	Motor: DC Servo model 5M	Size: Ø 21,8 mm x 5.0 mm thick	28,00

Brush cap		Motor: DC Servo model 10M	Size: Ø 21,8 mm x 6.6 mm thick	31,00
Brush tachometer	A290 - 0601 - X726	Motor: DC Servo model 5M	Size: 2,4 mm x 2,5 mm x 10,2 mm long Wire: 15 mm	166,00
Relay		A58L - 0001 - 0299	Relay: Fuji FMC-OASZ42 4a (Axis drive)	1200,00
Relay		A58L - 0001 - 0299	Relay: Fuji FMC-OASZ42 2a2b (Axis drive)	1200,00

Fanuc Axis motor:			Group: B 070	DKK
Motor	1-0S/3000	A06B-0309-B002	90mm x 90mm x 200mm long Encoder: A860-0308-T112 2500P	9400,00
Motor	α2 / 3000	A06B-0373-B577#7000	90mm x 90mm x 200mm long Encoder: α1 64	11500,00
Motor	α3 / 3000	A06B-0123-B575#7008	130mm x 130mm x 210mm long Pulse coder: αA 64 A860-0360-V501	13500,00
Motor	Model 5	A06B-0512-B202	130mm x 130mm x 335mm long with Brake Pulse coder 2000P : A290-0561-V501 (A860-0304-T111)	9800,00
Motor	Model S5	A06B-0314-B004	130mm x 130mm x 300mm long Pulse coder: Encoder: A860-0315-T101 2000P	15700,00
Motor	Model S5	A06B-0314-B033	130mm x 130mm x 300mm long Pulse coder: Encoder: A860-0320-T113 3000P	35500,00
Motor	Model 10S	A06B-0315-B002	170mm x 170mm x 270mm long Encoder: A860-0304-T112 2500 puls/rev	15800,00
Motor	Model 10S	A06B-0315-B005#7000	170mm x 170mm x 270mm long Encoder: A860-0315-T102 2500 P	18900,00
Motor	Model S10	A290-0141-X035	Motor cover for S10	500,00
Motor	Model 10M	A06B-0651-B (2500M)	180mm x 180mm x 350mm long Encoder: A860-0300-T002 2500 puls/rev	14100,00
Pulsecoder		A860-0300-T002	Encoder: A860-0300-T002 2500 pulse/rev	8800,00
Pulsecoder		A860-0316-T101	Encoder: A860-0316-T101 10000 pulse/rev	6100,00
Pulsecoder	αA 64	A860-0360-T001	Red with D-SUB 15 pole plug (Now: A860-0360-T021)	11000,00
Pulsecoder	αA 64	A860-0360-T201	Red with sqre 14 pole plug (Now: A860-0360-V501)	6900,00
Pulsecoder	α1 64	A860-0365-T001	Red with D-SUB 15 pole plug	7000,00
Pulsecoder	α1 64	A860-0365-T101	Red with sqre 14 pole plug (Now: A860-0365-V501)	7800,00
Cable	α1 64	A860-0360-V906	Cable for A 860-0365-V501	1100,00
Pulsecoder	αiA 1000	A860-2000-T301	Red with round 10 pole plug	6200,00
Pulsecoder	β 128 iA	A860-2020-T301	Red with round 10 pole plug	3600,00
Plug	6 Pol	A63L-0001-0428#CT	6 Pol square plug for motor 2-OS power connection	520,00
Plug	15 Pol	A06B-6050-K115	15Pol plug inside black plastic cover	450,00

Fanuc Spindle drive:			Group: B 080	DKK
Spindle servo	A06B-6059-H002 #H508	AC Spindle servo unit	Top board: A16B-1100-0200 Daughter board: A20B-0008-0243 Bottom board: A16B-1100-0240 Transistor module: A50L-0001-0125#A Transistor: A50L-0001-0126#B Diode module: 75L6P41 M4 Capacitor: 1800 µF 450V DC Relay: A58L-0001-0207 (200V / 5,5 kW) Relay (Replacement): LC1DT40P7	24000,00
Spindle servo	A06B-6044-H008	AC Spindle servo unit	Top board: A20B-0009-0531 Daughter board: A20B-0008-0241	15000,00
Spindle servo	A06B-6064-H302#H550	Type 2S	Top board: A16B-2100-0070/04A Bottom board: A20B-1005-0190/01A Daughter board: A16B-2201-0440/05B Relay: A58L-0001-0207 (Now: LC1DT25P7 230V AC)	20000,00
Spindle servo	A06B-6064-H312#H550	Type 12S	Top board: A20B-2000-0220/04B Bottom board: A20B-1004-0730/03A Daughter board: A16B-2201-0440/05B Daughter board: A16B-1300-0210/01A Magnetic contactor: A58L-0001-0337 Power module: Fuji: 6MBI 150FA-060 A50L-0001-0221 6 x 150A 600V	30000,00
Board	Top board	A16B-1100-0200	Control board	19000,00
Board	Daughter board	A20B-0008-024	Orientation board	8400,00
Board	Daughter board	A20B-0008-0030	Orientation board	6530,00
Board	Bottom board	A16B-1100-0240		7600,00
Board	Daughter board	A20B-1008-003	Orientation board	9700,00
Board	Top board	A20B-1001-0120	Control board	11600,00
Board	Top board	A20B-1001-0621	Control board + PS: KS100FN1	14500,00
Board	Daughter board	A16B-1700-0020	Orientation board (Not sure if this board is OK)	750,00
Board	Daughter board	A20B-9000-0180	Orientation board	4100,00

	EVK 71 – 060	A50L - 0001 – 0096	Transistor module (2 x 75A 600V)	1400,00
	QM75D1X-H		Transistor module	1400,00
	<b>EVL 32 - 060D</b>	<b>A50L - 0001 – 0109</b>	<b>Transistor module Fuji (120A 600V)</b>	<b>3500,00</b>
	1DI 300A – 120	Fuji	Transistor module (300A 1200V)	2150,00
	6DI 50C – 060	A50L - 0001 – 0125	Transistor module (6 x 50A 600V)	3700,00
	6DI 120D – 060	A50L - 0001 – 0175	Transistor module (6 x 120A 600V)	6250,00
	6DI 185A – 060	A50L - 0001 – 0178	Transistor module (6 x 85A 600V)	4100,00
	6DI 150C – 060	A50L - 0001 – 0209	Transistor module (6 x 150A 600V)	8300,00
	6RI 30F-080	A50L - 2001 – 0232	Diode 3 fase MODULE (30A 800V)	1150,00
	2MBI 300KB-060	A50L - 0001 – 0259	Transistor module (300A 600V)	4800,00
	2MBI 200NK-060-1	A50L - 0001 – 0260/N	Transistor module (200A 600V)	3700,00
	7MBP 50RA-060-01	A50L - 0001 – 0266#N	Transistor module (50A 600V)	2700,00
	6MBP 50RTA060-01	A50L - 0001 – 0327	Transistor module Fuji (50A 600V) (Old type: 6MBP 50RA060-01 A50L - 0001 - 0304)	2500,00
	7MBP 150RF060-01	A50L - 0001 - 0274 # RAS	Transistor module Fuji (150A 600V)	3600,00
	7MBP 150KA060		Transistor module Fuji (150A 600V)	3650,00
	MG15 H1 AL1		Transistor module (Toshiba)	1100,00
	PD 10016 7H		Diode Module (I R)	370
	PDT 10016 6D15		SCR Module (I R)	950
	160L2 C43A		Diode Module (Toshiba)	1000,00
	100L6 P41		Diode Module (Toshiba)	1050,00
	MSG 100 L41		SCR Module (Toshiba)	1337,00
	EGF06-04		SCR (With 10 cm cable)	320,00
	0278-A		Resistor Module (5 mΩ)	270,00
Magn sen.	Magnetic sensor	FSH 137	Amplifier A57L-0001-0037 42A (Stock 0) Sensor FSH 1378 (Cable: 8ZH-A) Magnet MG 1378	13500,00 12000,00 1200,00
Magn sen.	Magnetic sensor	aiCZ Sensor	Amplifier A860-2140-T511 Sensor A860-2140-V002 Magnet ring Diameter: 154 mm	17800,00
Position coder	Alpha	A860-0309-T302	Black with 17 pole round plug	5400,00
Test board	Alpha	A20B-2001-0830	Board with 4 cable	9700,00

Fanuc I/O Unit:			Group: B 090	DKK
Base unit	A03B-0801-C003		I/O Base unit	4500,00
Power unit	A16B-1310-0010		Power supply	9000,00
Interface	A03B-0801-C101	IF01A	Interface module	5100,00
Interface	A03B-0801-C102	IF01B	Interface module	5150,00
Output	A03B-0801-C112	OD32B	Output module	4700,00
Output	A03B-0801-C113	OD64B	DC 24V / 0.5A	6800,00
Output	A03B-0801-C117	OD16D	AC 120V / 2A	4800,00
Output	A03B-0801-C141	OD64A	DC 24V / 0.5A	4840,00
Input	A03B-0801-C121	ID16C	DC 24V	4350,00
Input	A03B-0801-C125	ID16D	DC 24V	4450,00
Input	A03B-0801-C133	ID64A	DC 24V	4950,00
Input	A03B-0801-C127	ID64D	DC 24V	4975,00
Positioning	A16B-0801-C051	PTO1A	Positioning module	7850,00

Fanuc Monitor:			Group: B 100	DKK
Monitor	N16B-5233-0001	FPF8050HRUD-110		7600,00
Monitor	A61L-0001-0168	Sharp LQ10D36A	AZ0691-1 100715-WA	7900,00
Monitor	A61L-0001-0168	NEC NL6448BC33-49	K20E532109022	8100,00
Backlight	A61L-0001-0168#BL	Sharp LQ0B200	Used for: Sharp 10.4" LQ10D367 and LQ10D368	910,00
Backlight	A61L-0001-0168#BLN	104LHS36	Used for: NEC 10.4" NL6448BC33-49	670,00
Backlight	A61L-0001-0168#BLS	Sharp LQ1DD368A/SA	Used for: Sharp 10.4" LQ1DD368A/SA	890,00

## Misc. controls:

Fagor CNC:			Group: D 025	DKK
	MPG	100P	Handwheel	1500,00





# OEM:

Behrens:

Group: E 020

DKK

Switch	SCR ON/OFF	Sva-T2/e T20b-1		570,00
Switch	Air flow	DW 070	Air flow indicator for axis motor	880,00
Switch	Air pressure	MCS 11	Klöckner Moeller	1290,00
Switch	Air on/off	Herion 8020750	Pressure 1 – 10 bar 24V coil	1940,00
Switch	Air on/off	Herion 2636000	Pressure 1 – 10 bar 24V coil	2170,00
Timer	60V	Typ 56 x 42	Tesch B559 154/44	940,00
Timer	60V	Typ 56 x 46	Tesch 0,5 – 60 sec	950,00
Timer	60V	Typ 56 x 44 sond		960,00
Timer	220V	Typ 56 x 64	Tesch B557 831/44	990,00
Timer	220V	Typ 56 x 65	Tesch 502311	980,00
Temp.rly	PTC	Typ MSR 220Z	Main motor temperature control	1130,00
7 u 11	Lubrication 7 LED		Board with 7 LED	2975,00
12 u 3			Brake control for travel limit	1475,00
6 e 1	Si-UEWE-FU2 X/Y		Relay 6dX and Relay 6Dy	1150,00
CB – ES	0178	(B 17) PC board	Output driver (Clutch/Brake)	1400,00
CB – DEC	0179	(B 11) PC board	M – decoding board (Coded by WIRE WRAP)	2375,00
CB – DEC	A 0179	(B 12) PC board	10 Relay (d1 – d10)	2250,00
CB – LUB	0180	(B 14) PC board	Board with 3 (1-10) DIP switches	2100,00
CB-LUB <sub>GE</sub>	0281	(B 10) PC board	Board with 3 +2 LED	2130,00
CB - R <sub>GE</sub>	0181	(B 18) PC board	Board with 3 potentiometer (1050 mccm)	2070,00
CB -TDC-ADJ	0780	(B ) PC board	Board with 3 potentiometer (1050 mccm)	2200,00
CB-R 1178	1178	(B ) PC board	Board with 3 potentiometer	2150,00
CB-REL 1 <sub>GE</sub>	1180	(B 11) PC board	Relay board (9 relay)	2170,00
CB-REL 2 <sub>GE</sub>	1180	(B 12) PC board	Relay board (3 + 2 relay)	1035,00
CB-REL 3	1181	(B 21) PC board	Relay board (6 relay)	1300,00
CB-ADAP-OT	0482	( ) PC board	Top dead center auto adjust (Board: 4 green + 1 red LED)	3050,00
CB-ADAP-OT	1182	(B 28) PC board	Top dead center auto adjust (Board: 4 green + 1 red LED)	3100,00
CB - IG 0482	0482	(B 29) PC board	Board with 2 LED	1700,00
CB-ADAP-OT	0482	(B ) PC board	Board with 4+1 LED	1900,00
CB - ST <sub>GE</sub>	1280	(B 16) PC board	Board with 1 potentiometer (1050 mccm)	3020,00
CB-ZEIT-R	0982	(B ) PC board	Board with 1 10 pol DIP switch	1740,00
CB 76-06-NT <sub>III</sub>	Power supply	(B 15) PC board	Board with a Transistor, Capacitor and Diode	1050,00
CB ST-0480	Punch control	(B 16) PC board	Board with 1 potentiometer	3010,00
1NT7		Power supply (380VA)	24V DC / 60V DC / 15V AC / 220V AC	2100,00
Tooth belt	25 T 10 / 660	018 452	X-axis (66 tooth 10mm pitch 25mm wide)	330,00
Tooth belt	20 T 10 / 1960		Y-axis (196 tooth 10mm pitch 20mm wide)	910,00
Tooth belt	16 T 10 / 1960		Y-axis (196 tooth 10mm pitch 16mm wide)	860,00

Monforts:			Group: E 045	DKK
Tacho	HÜBNER GT 9.06/420F	Tacho 20V/1000 rpm		3200,00
Tacho brushes	HÜBNER ET.30.1003 L	Kohlebürsten GT9.06 (4 x 6 x 10 mm H 87)		170,00
Prop. Verstärker	VT-5006	Used for tool changer		3700,00

# Monitor

TFT:			Group: F 020	DKK
Monitor	8,4" (Black/white)	TFT LCD 24V DC	Fanuc replacement 9" Monocrom: A61L-0001-0071 A61L-0001-0072 A61L-0001-0076 A61L-0001-0079 A61L-0001-0086 A61L-0001-0092 A61L-0001-0093	8500,00
Monitor	8,4" CRT (Colour)	VGA TFT 12/24V DC	Multifrequency	10050,00
Monitor	10,4" CRT (Colour)	VGA TFT 12V DC	Multifrequency	10030,00
Monitor	12,1" CRT (Colour)	VGA TFT 12V DC	Multifrequency	11210,00
Monitor	14" CRT (Colour)	VGA TFT 12V DC	Multifrequency (14" CRT replacement kit)	13900,00
Power supply	100-240V / 12 Vdc	20BK0220/1P	Power supply with plug for monitor.	750,00
CRT:			Group: F 021	DKK
Monitor	8,4" (Black/white)	A61L-0001-0086		6000,00
Monitor	8,4" (Black/white)	A61L-0001-0093		6300,00



# OTHER PARTS:

Battery:			Group: G 010	DKK
12V / 20A			GE 1050 Memory backup	970,00
1.2V/5Ah	NiMH	Size: D	RS 611-8719 with tags	166,00
1.2V/250mAh	NiMH	Size: 1/3AA	16,6 long x ø14.5 mm	80,00
1.2V/300mAh	Nickel Cadmium	Size: ½ AA (KRH 15/29)	28,0 long x ø14.1mm	100,00
1,5V	Alkaline	MX1300-LR20 Size D	DURACELL FANUC backup (3 pices for each control)	35,00
3V/1800mAh	Lithium	CR17335SE-FT1	FANUC: A98L-0031-0006 A02B-0118-K111 BR-2/3A 33mm x ø16,5mm with cable+plug	105,00
3V/ mAh	Lithium	BR26505	FANUC: A98L-0031-0007 BR-C 50mm x ø26 mm with cable+plug	400,00
3,0V	Lithium	CR17450SE-R (Green)	FANUC: A98L-0031-0012 A02B-0200-K102 45mm x ø18,0mm Brown plug	295,00
3,0V	Lithium	Black plast cassette	FANUC: A98L-0031-0026 40 mm x 19 mm x 19 mm	310,00
3V/1750mAh	Lithium	Black plast cassette	FANUC: A98L-0031-0028 40 mm x 19 mm x 19 mm	305,00
6,0V	Lithium	Power mate servo BR-AG (3V)	FANUC: A98L-0031-0011 BR-AG 48 x ø17mm (Pack:BR-AGCF2P) White plug	405,00
6V/2200mAh	Lithium Pack Fanuc servo	2 Batteries CR17450SE-R (3V)	A06B - 6093 - K001 / A98L-0031-0011/L BR-AG 48 x ø17mm (Pack:BR-ACF2W) Brown plug	415,00
6V/5000mAh	Lithium Pack Fanuc servo	2 Batteries CR23500SE-T1	FANUC: A98L-0001-0902 (A06B-6073-K001) BR-C 52 x ø27mm (Pack:BR-CC2TH) Brown plug	635,00
4.5V	Battery case F3	A98L-0004-0096	FANUC: Battery box for CNC 3 batteries	1450,00
6V	Battery case	A98L-0004-0149	FANUC: Battery box for supply of servo Brown plug	1500,00
3,6V	Lithium 3,6V/2000mAh	CS-PLC146SL / ER6V	Yasnac Parameter and ABS Black plug JAE 5 pin	350,00
3,6V	Lithium		Index (Control Station) 50 x ø14,5mm (Saft LS 14500)	140,00
3,6V	Lithium	6EW1000-7AA	Siemens 50 x ø25,5mm (Saft LS 26500 RS210-9438)	375,00
3,6V	Lithium Thionyl Cl.	3.6V 8500 mAh	Solder tags 50 x ø25,5mm (Varta RS702-0837)	228,00
3,6V	Lithium Thionyl Cl.	3.6V 8500 mAh	Mitsubishi servo (Plug) 50 x ø25,5mm (Varta RS702-0837)	510,00
3,6V	Lithium Thionyl Cl.	3.6V 19 Ah	Mitsubishi servo (Plug) 50 x ø25,5mm (Tekcell Actec SB-D02-ST)	620,00
3,6V	Lithium	KIT PILA CNC/VCRT	FAGOR: Black box: 60 x 40 x 20 (50 x ø14,5mm: Saft LS 14500c)	600,00

Cable / kabel:			Group: G 020	DKK
1 x 10mm <sup>2</sup>	Black cap	Ölflex FD 90 (26601)	Motor cable (Black) (Special flexible)	85,00
1 x 10mm <sup>2</sup>	Grey cap	Ölflex FD 810 (29210)	Motor cable (Ground) (Special flexible)	105,00
1 x 16mm <sup>2</sup>	Black cap	Ölflex FD 90 (26603)	Motor cable (Black) (Special flexible)	100,00
1 x 16mm <sup>2</sup>	Transparent	ESUY (4571101)	Earthing cable (Special flexible)	180,00
1 x 16mm <sup>2</sup>	Black	H07V-K (4520016)	Monteringsledning	50,00
2 x 0.34mm <sup>2</sup>	Shielded	LiYCY (34502)	Datacable	18,00
2 x 0.34mm <sup>2</sup>	Shielded	FD CY (27440)	Datacable (Unitronic special flexible)	64,00
3 x 0.75mm <sup>2</sup>	Black cap	Ölflex classic 110 (1119892)	Standard cable	25,00
3 x 0.75mm <sup>2</sup>	Shielded	Ölflex classic 115 CY (101821)		35,00
3 x 1,5mm <sup>2</sup>	Orange cap	Ölflex 550P (0013621)	Standard cable	51,00
3 x 6.00mm <sup>2</sup>		(100288)	Ölflex (Motorcable f.ex Behrens / Pedersen)	31,00
4 x 0.34mm <sup>2</sup>	Shielded	LiYCY (34504)	Datacable	28,00
4 x 0.34mm <sup>2</sup>	Shielded	FD CY (27442)	Datacable (Unitronic special flexible)	88,00
4 x 0.75mm <sup>2</sup>	Shielded	Semo Roboschlepp	Datacable (Special flexible)	65,00
4 x 1.00mm <sup>2</sup>		Ölflex Robot 900 4G 1.00	Motor cable (Special flexible)	120,00
4 x 2.5mm <sup>2</sup>		Ölflex Robot 4G 2.50	Motor cable (Special flexible)	140,00
4 x 2.5mm <sup>2</sup>	Shielded	Multiflex CP (136025004)	Motor cable (Special flexible)	120,00
4 x 4.00mm <sup>2</sup>	Shielded	Ölflex servo FD 796CP	Lapp 27952 Orange cable	180,00
5 x 1,5mm <sup>2</sup>	Shielded	FD 810 CY (26252)	Ölflex classic	120,00
7 x 0.25mm <sup>2</sup>	Shielded	CP Multiflex(137002507)	Datacable (Special flexible)	88,00
7 x 0.34mm <sup>2</sup>	Shielded	LiYCY (104601)	Datacable	23,00
7 x 0.75mm <sup>2</sup>	Shielded	Ölflex classic 7G (1313107)	Ölflex classic 400 CP	65,00
7 x 0.75mm <sup>2</sup>	Shielded	Ölflex classic 7G (26423)	Ölflex classic FD 810 CP (Special flexible)	105,00
7 x 1.00mm <sup>2</sup>		Ölflex Robot 900 7G 1.00	Motor cable (Special flexible)	180,00
7 x 1.50mm <sup>2</sup>	Shielded	Roboschlepp	Motor (Special flexible)	164,00
7 x 2.50mm <sup>2</sup>		Ölflex classic 7G (1312407)	Motor	84,00
8 x 0.34mm <sup>2</sup>	Shielded	LiYCY (34508)	Datacable	32,00
12 x 0.34mm <sup>2</sup>	Shielded	LiYCY (104605)	Datacable	38,00
12 x 0.75mm <sup>2</sup>	Shielded	Semo Roboschlepp	Datacable (Special flexible)	170,00
12 x 0.75mm <sup>2</sup>		Ölflex classic 12G (1312112)		61,00
14 x 0.25mm <sup>2</sup>	Shielded	LiYCY (34414)	Datacable (Viking PC feedback)	36,00
18 x 0.75mm <sup>2</sup>		FD 810 (26326)	Ölflex classic (Special flexible)	98,00
25 x 0.25mm <sup>2</sup>	Shielded	FD CP plus (28897)	Datacable (Special flexible)	200,00
25 x 0.34mm <sup>2</sup>	Shielded	FD CY (27452)	Datacable (Special flexible)	230,00
4x2x0.14mm <sup>2</sup>	Shielded	FD CP (30912)	Datacable (Special flexible) (Fanuc encoder)	120,00
3x2x0.25mm <sup>2</sup>	Shielded	CY PIDY (34251)	Resolver cable 14 meter	39,00
5x2x0.25mm <sup>2</sup>	Shielded	FD CP (TP) plus (30922)	Datacable (Special flexible) (Fanuc encoder)	120,00
5x2x0.34mm <sup>2</sup>	Shielded	Ölflex Robot 5 x 2x0.34 CP	Feedback cable(Special flexible)	170,00
8x2x0.25mm <sup>2</sup>	Shielded	FD CP (TP) plus (30924)	Datacable (Special flexible) (Fanuc encoder)	180,00
10 x 2 x 0.34mm <sup>2</sup>	Shielded	Unitronic FD CP 10 x 2x0.34	Feedback cable(Special flexible)	250,00

10 x 0.14 + 2 x 0.5 mm <sup>2</sup>	Shielded	LiYCY (148001410)	Datacable (Brutronic special flexible)	62,00
3 x (2 x 0.14)+ 2 x 0.5 mm <sup>2</sup>	Shielded	Heidenhain cable	Encoder cable 9 Pole (Black)	270,00
4 x (2 x 0.14) 4 x 0.5 mm <sup>2</sup>	Shielded	Heidenhain cable	Encoder cable 12 Pole (Black ø8mm) Style: 20963	170,00

**Capacitor:**
**Group: G 030**
**DKK**

RC network	0,47 µF / 220 Ω	Rifa RC-UNIT		56,00
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**Fan / Ventilator:**
**Group: G 050**
**DKK**

Fan small		115V / 240V	High = 38 mm Diameter = 119 mm Hole distance = 104.8 mm	650,00
Fan big		115V / 240V	High = 40 mm Diameter = 150 mm Hole distance = 163.0 mm	950,00
Fan	Blotek BCS-30	220V / 0,2A Centrifugal	Size = 134 x 144 x 132 mm Hole distance = 66 mm	1400,00
Fan	ADDA AD0824VB-A71GP	24V / 0,38A	Size = 80 x 80 x 25 mm Hole distance = 71,5 mm (2 wire only)	550,00
Fan	UTHS457C	A90L - 0001 - 0335#B-L	Fan: AC230V 29W 120x120x40mm (Ext.fan)	780,00
Fan	3610KL-05W-B49	A90L - 0001 - 0378 / A	Fan: DC24V 0.16A 90x90x25mm 270mm cable	670,00
Fan	3A14A0-SA	FBK-09A24M DC24V 0.1A	Use: 3610KL-05W-B49 (Not tested)	
Fan	9WF0424F6-D003	A90L - 0001 - 0507#A	Fan: DC24V 0.13A 40x40x20 (External fan with plug)	730,00
Fan	1608KL-05W-B39	A90L - 0001 - 0510	Fan: DC24V 0.08A 40x40x20mm (Cover with plug)	720,00
Fan	109P0424H6-D03 D04 D11 D13 D14 D19	A90L - 0001 - 0385 / A	Fan: DC24V 0.08A 40x40x20 (SanAce40)	720,00
Fan	9WF0424H6-D07A	A90L - 0001 - 0385 / B	Fan: DC24V 0.08A 40x40x20 (SanAce40)	740,00
Fan	109P0424H7D08	A90L - 0001 - 0441	Fan: DC24V 0.08A 40x40x15mm (SanAce40)	608,00
Fan	109P0424H7D28	A90L - 0001 - 0441#39	Fan: DC24V 0.08A 40x40x15mm (SanAce40)	580,00
Fan	3106KL-05W-B59	A90L - 0001 - 0422	Fan: DC24V 0.16A 80x80x15mm (NMB-MAT)	520,00
Fan	2406KL-05W-B59	A90L - 0001 - 0423 / 105	Fan: DC24V 0.13A 60x60x15mm (NMB-MAT)	560,00
Fan	9WF0624H7D04	A90L - 0001 - 0423 / 105S	Fan: DC24V 0.12A 60x60x15mm (ScanAce60WF)	540,00
Fan	9WF0624H7D05	A90L - 0001 - 0423 # 50	Fan: DC24V 0.12A 60x60x15mm (Cower with plug)	560,00
Fan	9WF0624H4D03	A90L - 0001 - 0508	Fan: DC24V 0.15A 60x60x25mm (External fan with plug)	690,00
Fan	1608VL-05W-B59	A90L - 0001 - 0528#70	Fan: DC24V 0.09A 40x40x20mm (Short cable)	360,00
Fan	1608VL-05W-B59	A90L - 0001 - 0528#650	Fan: DC24V 0.09A 40x40x20mm (Long cable)	340,00
Fan	1608VL-05W-B69	A90L - 0001 - 0566#A	Fan: DC24V 0.13A 40x40x20mm (Click ON)	590,00
Fan	2406VL-05W-B69	A90L - 0001 - 0567#A	Fan: DC24V 0.10A 60x60x15mm (Click ON)	610,00
Fan	2406VL-05W-B69	A90L - 0001 - 0567#B	Fan: DC24V 0.10A 60x60x15mm (Click ON)	610,00

Fuse:				Group: G 060	DKK
Fuse	1/4 to 15 Amp.	32 x 6,3mm		General Electric	11,00
Fuse	1 to 30 Amp.	51 x 14,3mm		General Electric	39,00
Fuse	2 to 30 Amp.	126 x 20,2mm		General Electric	80,00
Fuse	30 to 80 Amp.	76 x 20,2mm		General Electric	53,00
75 A	A60L-0001-0127/25FH75	25 FH 75 Kyosan 25x17mm Screw ter.	New type: 80 LET 240V 80 A	Fanuc spindle drive	78,75
100 A		25 SH 100 Kyosan/Clearup Ø27x30mm	Screw terminal (Bracket 81mm long)	Fanuc spindle drive	350,00
150 A		25 SH 150 Kyosan/Clearup Ø27x30mm	Screw terminal (Bracket 81mm long)	Fanuc spindle drive	390,00
125 A	A25 x 125 Type 4	Shawmut	250V 125A ac/dc	GE 3 fase drive	475,00
Fuse	A60L-0001-0046 # x.x	Fanuc 0.5 – 7.5 Amp. fuse	Green 17 x 19 x 5 mm	(Long x High x Wide)	104,00
Fuse	A60L-0001-0075/x.x	Fanuc 3.2 – 5 Amp. S fuse	Green 17 x 19 x 5 mm	(Long x High x Wide)	155,00
Fuse	A60L-0001-0194/5.0	Fanuc (Daito MP 50)	Green 30 x 20 x 8 mm	(Long x High x Wide)	108,00
Fuse	A60L-0001-0245/GP75	Fanuc 7.5 Amp. fuse	Green 32 x 12 x 12 mm	(Long x High x Wide)	112,00
Fuse	A60L-0001-0245/GP150	Fanuc 15.0 Amp. fuse	Green 32 x 12 x 12 mm	(Long x High x Wide)	115,00
Fuse	A60L-0001-0101/Pxxxx	Fanuc 1 – 15 Amp. fuse	Black / Brown 32 x 24 x 10 mm	(Long x High x Wide)	180,00
Fuse	A60L-0001-0172/DMxx	Fanuc 0.3 - 5 Amp. fuse	Transparent 8 x 8 x 6 mm	(Long x High x Wide)	61,00
Fuse.	A60L-0001-0175/xx	Fanuc 0.3 - 5 Amp. fuse	Transparent 10 x 10 x 6 mm	(Long x High x Wide)	61,00
Fuse	A60L-0001-0290/LMxx	Fanuc 0.3 - 5 Amp. fuse	Black 10 x 8 x 4 mm	(Long x High x Wide)	61,00
Fuse	A60L-0001-0290/LMxxC	Fanuc 0.3 - 5 Amp. fuse	Transparent 10 x 8 x 4 mm	(Long x High x Wide)	61,00

Lamp:				Group: G 070	DKK
6 V (24 V)		Processor err / In pos	(6 V = 330 Ω) (24 V = 330 Ω + 1800 Ω)		125,00
14V	44A 393 666 - 001	GE 1944	Tape reader lamp 14V / 3.57A / 50W	General Electric	385,00
6V	GE 328		Pushbutton Lamp: 550+1050+7500	General Electric	26,00
28V	GE 327		Pushbutton Lamp	General Electric	26,00
28V	LED				105,00
18V / 0.1A	E 10	33-419-06 Elfa	Display Lamp	Behrens	24,00
Lamp	T5,5K /	SCHLEGEL	Pushbutton Lamp		31,00
24V	L5,5K 24UG	SCHLEGEL	Pushbutton Lamp (LED) Red, Green or Yellow		126,00
7 Segm.	44A 393 643 - 001	Apollo DA 2010 / RCA DR 2010	7 Segm. disp. Tube		256,00
7 Segm.	44A 393 643 - 001	Apollo DA-200D	7 Segm. disp. Tube		256,00
+/- Segm.	44A 393 643 - 002	RCA DR 2030	± Segm. disp. Tube		231,00

MPG box:				Group: G 075	DKK
HC 115			Handwheel with plug fog for Supermax		3000,-
HDW		HDW-BA4S-I	Handwheel without plug for Leadwell		2500,-

Plug:				Group: G 080	DKK
9 Pol	Cannon		Complete plug with cover		35,00
25 Pol	Cannon		Complete plug with cover		45,00
Contact	Harting	Silver plated	Crimp contact (Male or female)		3,00
6 Pol	Harting	HAN 6E	Complete plug with insert and contacts (Male or female)		240,00
16 Pol	Harting	HAN 16A	Insert without contacts (Male or female)		105,00
32 Pol	Harting	HAN 32A	Housing (Top or bottom)		210,00
32 Pol	Harting	HAN 32A	Cover		95,00
09 Pol	Heidenhain	Heidenhain plug	Encoder plug 9 Pole		350,00
12 Pol	Heidenhain	Heidenhain plug	Encoder plug 12 Pole		350,00
Plug 20 Pin	A02B-0029-K890	A63L-0001-0134 / 2	MR-20L Female plug (Blue with grey cap Solder terminal)		156,00
Plug 50 Pin	A02B-0029-K891	A63L-0001-0134 / 1	MR-50L Female plug (Blue with grey cap Solder termina		210,00
Plug 06 Pin	A02B-0072-K891	A63L-0001-0226	Female plug (black)		65,00
Plug 03 Pin	A02B-0072-K892	A63L-0001-0202 / 3 HK	9Y 16 Female plug (black)		45,00
Plug 03 Pin	A02B-0118-K896	A63L-0001-0127 / S 23 A (Pin) A63L-0001-0202 / 3 LW (Plast)	9Z 06 Female plug (white with gold contact)		80,00
Plug 03 Pin	A02B-0120-K321	A63L-0001-0460 / 3 HKX	Female plug (black with square pins)		50,00
Plug 10 Pin	JN1	A63L-0001-0848 # CA	JAE (Straight) Female crimp (Used for encoder)		520,00
Plug 10 Pin	JN2DS10SL1-R	Farnell 189-4057	JAE (Straight) Female crimp (Used for encoder)		520,00
Plug 10 Pin	HR34B	A63L-0001-0923 # CD	HRS (Angle) Female solder (Used for encoder)		520,00
Plug 10 Pin	HR34B-12WLPK-10S	Farnell 187-4394	HRS (Angle) Female solder (Used for encoder)		520,00
Plug 10 Pin	HR34B-12WPD-10S	Farnell 187-4374	HRS (Straight) Female solder (Used for encoder)		520,00
Plug 06 Pin		A63L-0001-0875 / EC	Tyco 1473393-2 Female plug (Used for motor)		750,00
Plug 04 Pin	MS3108B18-10S	(Clamp: MS3057-10A)	JAE (Amphenol) Female plug (Round for motor)		650,00
Plug 04 Pin	MS3108B22-22S	(Clamp: MS3057-12A)	JAE (Amphenol) Female plug (Round for motor)		850,00

Plug 07 Pin	MS3108B24-10S	(Clamp: RS: 475-987))	JAE (Amphenol)	Female plug (Round for motor)	1450,00
Plug 17 Pin	MS3108B20-29SW	(Clamp: MS3057-12A)	JAE (Amphenol)	Female plug (Round for motor)	850,00
Plug 19 Pin	MS3106A 22-14S	(Clamp: S22)	Amphenol	Female plug (Round for motor)	950,00
Plug 15 Pin	A02B-0120-K303	A63L-0001-0399 / 20FP-CB	Hirose connector	Female plug (grey cap)	190,00
Plug 20 Pin	A02B-0120-K305	A63L-0001-0399 / 20FH-CD	Hirose connector	Female plug (grey cap)	275,00

Position Feedback				Group: G 090	DKK
Resolver		44A 393 606 - 001	HAROSYN-RW 11BRW-300-F-58A	Standard GE resolver	3500,00
Resolver		11BRW-300-F-95A-02	EUCRON 73-202-730	Use: 44A 393 606 - 001	3500,00
Resolver		44A 294 433 - 003	HAROSYN-CT (2 SPEED) Rotor 8V Stator 12V		4700,00
Pickup unit		36-300-748-9612 EUCRON	Gear Tooth 22:110 = 1:5 (Res.: 44A 393 606 - 001)	Monforts z-axis	7200,00
Pickup unit	3N1000MC100N1		Gear $\phi$ 16,9:41,2 Tooth 46:115 (Res.: 44A 393 606 - 001)		7200,00
Pickup unit	3N1000FB103B4		Gear $\phi$ 23,4:29,2 Tooth 72:90 (Res.: 44A 393 606 - 001)	Behrens 1050mc/mcc	7200,00
Pickup unit	3N1000FB103R4		Gear $\phi$ 8,5:41,0 Tooth 25:127 (Res.: 44A 393 606 - 001)		7200,00
Pickup unit	3N1000FB103J2		Gear $\phi$ 8,5:41,0 Tooth 25:127 (Res.: 44A 393 606 - 001)		7200,00
Pickup unit	3N1000FB103A2		Gear $\phi$ 9,1:43,0 Tooth 24:120 (Res.: 44A 393 606 - 001)	Pedersen Z-axis	7200,00
Pickup unit	3N1000FB103X2		Gear $\phi$ 13,3:41,0 Tooth 40:127 (Res.: 44A 393 606 - 001)	TC 1 Z-axis	7200,00
Pickup unit	3N1000MC100V1		Gear Tooth 1:5 (Res.: 44A 393 606 - 001)	Pedersen X/Y-axis	7200,00
Pickup unit	3N1000FB104D1		Gear (Res.: 44A 393 606 - 001)	Spindle feed back	5700,00
Pickup unit	3N1000FB200A3	Behrens T-axis	Gear (Res.: 44A 294 433 - 003) (Mot.: 933B 537 - 1) (Stock: 0)		8970,00
Coupling:			Length = 41 mm Diameter = 40 mm (For shaft diameter: 3/8" = 9,525 mm)		750,00
Coupling:			Length = 49 mm Diameter = 40 mm (For shaft diameter: 3/8" = 9,525 mm)		750,00
Coupling:		Behrens T-axis	Length = 54 mm Diameter = 25 mm (For shaft diameter: 3/8" = 9,525 mm)		750,00
Coupling:			Length = 59 mm Diameter = 40 mm (For shaft diameter: 3/8" = 9,525 mm)		750,00
Coupling:			Length = 68 mm Diameter = 36 mm (Shaft dia.: 3/8" Orig. Pedersen Z-axis)		750,00
Encoder	ROD 426 E 1024	Id. Nr. 232 956 05	Heidenhain Encoder 1024 Pulses/rev.		1850,00
Encoder	ROD 426.0003 1250	Id. Nr. 251 681 86	Heidenhain Encoder 1250 Pulses/rev.		2150,00
Encoder	ROD 426 E 2500	Id. Nr. 250 587 33	Heidenhain Encoder 2500 Pulses/rev.		1700,00
Encoder	RU 1052 10000	Id. Nr. 295 473 OY	Heidenhain Encoder 10000 Pulses/rev.		2800,00
Encoder	755-L1 100	Nr. 812581	British Encoder 100 Pulses/rev.		1600,00
Encoder	2R25S	Nr. 941124-57703	Scancon Encoder		1650,00
Encoder	2R100-S-8	Nr. 940119-46297	Scancon Encoder		1660,00
Encoder	2RK150-D-10S	Nr. 950320-63731	Scancon Encoder		1675,00
EXE box	EXE 601 /5-F	Id. Nr. 201 500 06	Heidenhain EXE box		3010,00
EXE box	EXE 602 B/5-F	Id. Nr. 223 185 01	Heidenhain EXE box (Board 223063 7468 / 22305705)		3050,00
EXE box	EXE 602 B/5-F	Id. Nr. 223 185 02	Heidenhain EXE box		3100,00

Pot. Meter:				Group: G 100	DKK
GE 1050	Potentiometer	MFO / SSO	4.7 K $\Omega$ : 1050mcc 2.5 K $\Omega$ : 1050h/1050mc	General Electric	105,00
GE 1050	Knop	MFO / SSO	Black knop (oval) 1/4" shaft	General Electric	36,00

Power supply:				Group: G 110	DKK
5V	6A	Cosel P30E-5	85-264V (Output adjust 4-6V 1050MCCM)		870,00
24V	1A	Mean Well S - 25 - 24	100-240V		870,00
24V	6,3A	Traco TXL 150-24S	88-264V		900,00
24V	8,4A	Mean Well SP 200-24	100-240V / 3,5A		1100,00
24V	13A	Mean Well SP 320-24	100-240V / 5,0A		1400,00
5/12/-12V	7/3,5/1A	Traco TXL 060-0522TI	85-264V		1250,00
5/15/-15V	7/3/1A	Traco TXL 060-0533TI	85-264V		1210,00
5/15/-15V	4,5/1/0,8A	NFS 50	85-264V		880,00

Puncher / reader / BTR equipment:				Group: G 120	DKK
BTR	GNT 7202	BTR BOX 128 K			14600,00
BTR	GNT 7202	BTR BOX 128 K	Ombytningspris		9500,00
BTR	GNT 7202	BTR BOX	Installation		3000,00
BTR	GNT 7202	BTR BOX	Interface board (CD)		1150,00
BTR	GNT 7202	BTR BOX	Interface board (Special Stella data)		835,00
BTR	GNT 7202	BTR BOX	RAM update from 32K to 128K		990,00
BTR	GNT 7202	BTR BOX	Board (72 - 32237 - R1)		225,00
BTR	GNT 7202	BTR BOX	Board (72 - 33640) Fanuc interface		425,00
BTR	GNT 7202	BTR BOX	Board (72 - 33700) Adapter I/O		400,00
Puncher	GNT	PUNCHER			4900,00
Puncher	GNT 4604	Reader / Puncher			8050,00

USB	USB RS232	1.8 meter cable	Cable for USB (PC) to RS 232 (9 pole male) CNC	510,00
Cable	4 x 0.34mm <sup>2</sup>	RS 232 Fanuc to PC	Plug+Cap: 150,- Manufacture: 400,- Cable: max 5 meter	610,00
Cable	4 x 0.34mm <sup>2</sup>	RS 232 Fanuc to PC	Plug+Cap: 150,- Manufacture: 400,- Cable: max 10 meter	660,00
Tape	Long life Paper tape	Dark red 1" x 305 meter 0.1mm	Tape reader using 8 track (Stock: 12)	440,00
Tape	Mylar tape	Blue 1" x 305 meter 0.094mm	Tape reader using 8 track (Stock: 9)	1175,00
Reels	44A 393 691 - 001	Tape reader reels	Reels Black General Electric 550 / 1050	350,00
Photocell	44B 387 921	Tape reader	Tape reader Photocell General Electric 550 / 1050	3203,00
Lenz	44B 397 735	Tape reader	Tape reader Lenz Round type General Electric 550 / 1050	609,00

Relay (Schneider):				Group: G 130	DKK
Relay	24V DC	CA3KN40BD	4 Pole NO 10A		450,00
Relay	24V AC	CA2KN40B7	4 Pole NO 10A		350,00
Relay	110V AC	CA2KN40F7	4 Pole NO 10A		350,00
Relay	230V AC	CA2KN40P7	4 Pole NO 10A		350,00
RC unit		LA4KE1xx	Click on type		180,00
Contact	Contact block	LA1KNxx	4 Pole 10A		150,00
Contactor	24V DC	LC1D 25 BD	3 Pole NO + (1 NO + 1 NC)	11kW - 400V 15HP/480V	1145,00
Contactor	24V DC	LC1D 32 BD	3 Pole NO + (1 NO + 1 NC)	15kW - 400V 20HP/480V	1330,00
Contactor	24V DC	LC1DT 25 BD	4 Pole NO + (1 NO + 1 NC)	5.5kW - 400V 7.5HP/480V	1030,00
Contactor	24V AC	LC1D 18 B7	3 Pole NO + (1 NO + 1 NC)	7.5kW - 400V 10.5HP/480V	1140,00
Contactor	24V AC	LC1DT 25 B7	4 Pole NO + (1 NO + 1 NC)	5.5kW - 400V 7.5HP/480V	1030,00
Contactor	110V AC	LC1D 09 F7	3 Pole NO + (1 NO + 1 NC)	4kW - 400V	920,00
Contactor	110V AC	LC1D 25 F7	3 Pole NO + (1 NO + 1 NC)	11kW - 400V 15HP/480V	740,00
Contactor	110V AC	LC1DT 40 F7	4 Pole NO + (1 NO + 1 NC)	11kW - 400V 15HP/480V	1330,00
Contactor	230V AC	LC1DT 25 P7	4 Pole NO + (1 NO + 1 NC)	5.5kW - 400V 7.5HP/480V	1350,00
Contactor	230V AC	LC1D1128 P7	4 Pole 2NO+2NC + (1NO + 1NC)	5.5kW-400V 7.5HP/480V	1050,00
Contactor	230V AC	LC1DT 40 P7	4 Pole NO + (1 NO + 1 NC)	15kW - 400V 20HP/480V	1330,00
Contact	Contact block	LADN04	4 Pole 0 NO / 4 NC 10A		175,00
Contact	Contact block	LADN13	4 Pole 1 NO / 3 NC 10A		175,00
Contact	Contact block	LADN22	4 Pole 2 NO / 2 NC 10A		175,00
Contact	Contact block	LADN31	4 Pole 3 NO / 1 NC 10A		175,00
Contact	Contact block	LADN40	4 Pole 4 NO / 0 NC 10A		175,00
RC unit	24 - 48 V AC	LAD4RCE	Click on type		120,00
RC unit	110 - 250 V AC	LAD4RCU	Click on type		200,00

Relay and Thermo relay:				Group: G 135	DKK
Reed relay	24V DC	2A24X1K5B1AB 259A 9151 P3A	End of travel (Relay marked: 2A24AH)	General Electric1050 H	550,00
Relay	24V DC	V23162 - A0721 - C104	24 V DC Kamrelæ	Behrens	350,00
Relay	24V DC 5A	MY2I4N OMRON	24 V DC 2 pol Led + PB		170,00
Relay	24V DC 5A	MY4I4N OMRON	24 V DC 4 pol Led + PB		170,00
Relay	24V DC	MY2K OMRON	24 V DC 2 pol Keep relay		860,00
Relay	24V DC 10A	LY2N OMRON	24 V DC 2 pol Led		280,00
Relay	24V DC 10A 4 pol	C4-A40X24D	Releco MR-C	Colchester Diplomatic turret	270,00
Relay	24V DC 2 pol	MK 2 KP OMRON	Set / reset		470,00
Relay	48V DC	V23154- A726 -B110	48 V DC Kamrelæ		150,00
Relay	48V DC	V23154-Co726 -B104	48 V DC Kamrelæ		120,00
Relay	60V DC	FEME	60 V DC 8/11 pol		190,00
Relay	60V DC	V23162- B0726 -C110	60 V DC Kamrelæ (Sealed)	Behrens	575,00
Relay	60V	TEC 1210		Behrens	300,00
Relay	110V AC	V23005- B0007-F104	110 V AC Kamrelæ		340,00
Relay	110V AC	FEME	110 V AC 8/11 pol		190,00
Relay	220V AC 5A	OMRON MY2-02-US-SV	220 V AC 2 pol		170,00
Relay	220V AC 5A	OMRON MY4I4N	220 V AC 4 pol Led + PB		170,00
Relay	220V AC 5A	OMRON MY4N	220 V AC 4 pol Led		170,00
Relay	220V AC 9A	Danfoss CI 9	220 V AC 3 pol 037H0021-31		450,00
Thermo	1 - 8 A	Thermo relay			470,00

<b>Switch / Push button:</b>				<b>Group: G 140</b>	<b>DKK</b>	
NPN / PNP	24V	∅ 6,5 mm	25 - 40 mm Long		930,00	
NPN / PNP	24V	M 08 mm	25 - 40 mm Long		910,00	
NPN / PNP	24V	M 08 mm	25 - 40 mm Long	Cable with plug	1150,00	
NPN / PNP	24V	M 08 mm	41 - 99 mm Long		810,00	
NPN / PNP	24V	M 12 mm	25 - 40 mm Long		750,00	
NPN / PNP	24V	M 12 mm	41 - 99 mm Long		680,00	
NPN / PNP	24V	M 18 mm	41 - 99 mm Long		840,00	
NPN / PNP	24V	M 30 mm	41 - 99 mm Long		960,00	
NPN / PNP	24V	Square		Cable	890,00	
Limit	BNS 519-D 2 D12-100-11	2 Switch X-axis Limit+Ref		Behrens	1600,00	
Limit	BNS 519-B 4 D12-100-10	4 Switch Y-axis Limit+Ref		Behrens	2100,00	
Limit	BNS 519-B 5 D12-100-10	5 Switch Y-axis Limit+Ref		Behrens	2600,00	
Limit	BNS 519-B 8 D12-100-00	8 Switch Y-axis Limit+Ref+Safe		Behrens	2700,00	
Limit	BNS 519-100-1UR	Ball bearing Use: BNS 519-100-K-10		Behrens	950,00	
Limit	BNS 519-100-K-11	Ball only (Use: BNS 519-100-K-10)		Behrens	950,00	
Limit	BNS 519-100-R-10	Ball only		Behrens	950,00	
Limit	SN02K08-552-M	2 Switch Ball only		Euchner	1650,00	
Pressure	08210 50 Herion	min. 10 bar max. 160 bar		Pedersen	897,00	
Limit	14CE2-1K Honeywell	Limit switch with Roller		Pedersen	650,00	
Limit	SL1-AK Honeywell	1 switch with Roller		Cover without cable	1480,00	
Limit	SL1-D Honeywell	1 switch with cross Roller		Cover without cable	1250,00	
Limit	SL1-EK Honeywell	1 switch with Roller		Cover without cable	1200,00	
Limit	D4E-1A20N Omron	1 switch with Roller		Cover without cable	800,00	
Limit	D4E-1B20N Omron	1 switch with cross Roller		Cover without cable	670,00	
Limit	VB-2121 Omron	2 switch with Plunger			3100,00	
Limit	TL-S2FN-B Omron	12 / 24 V		Black with cable	950,00	
Limit	QM / 32 / 5			Martonair – Magnetic	Pedersen	610,00
Limit	3VB Q3-1N Omron			3 Micro switches in one house	970,00	
Key	eao 51-404-036K	Keylock sw.: (18 x 24 mm 2 NO)		Key: EB 1001 / 1004 / 1005	450,00	
Key	QXJ SSA 17E	Keylock sw.: (25 x 25 mm)		Key: 845 Schlegel (Key out 1 position)	470,00	
Key	QXJ SSA 18E	Keylock sw.: (25 x 25 mm)		Key: 845 Schlegel (Key out 2 position)	475,00	
<b>Push butt</b>	<b>Standard PB</b>	<b>latch/momentary</b>	<b>All types</b>		<b>390,00</b>	
Push button	Standard PB lenz	latch/momentary	All types		75,00	
Push button	Heavy duty PB	Telemecanique	Adaptor plate Ø30 to Ø22		165,00	
Push button	Heavy duty PB	Telemecanique	All types		410,00	
Push button	Heavy duty PB	Telemecanique	Key switch		550,00	
Push button	eao01-121 moment.	18 x 24 mm 1 NO 1 NC	1 Lamp	Pedersen	210,00	
Push button	eao01-261 latching	18 x 24 mm 1 NO1 NC	1 Lamp	Pedersen	210,00	
Push button	eao01-262 latching	18 x 24 mm 2 NO2 NC	1 Lamp	Pedersen	210,00	

<b>Timer:</b>				<b>Group: G 150</b>	<b>DKK</b>
Timer	TE 12-10	Klöckner Moeller 0.5 to 10s	Coil: 24v AC/DC		450,00
Timer	OMRON MY 2 V	4V DC 2 pol	5 sec timer		770,00
Timer	OMRON H3Y		5 sec timer		810,00

<b>Valve:</b>				<b>Group: G 170</b>	<b>DKK</b>
Coil	468479	Vickers	Coil: 110VAC		890,00
Coil	507825	Vickers	Coil: 110VAC		890,00
Coil	H 507848	Vickers	Coil: 24VDC 30W		890,00
Coil	WU35-4-A	Hydronorma	Coil: 110VAC		890,00
Coil	GU35-4-A	Hydronorma	Coil: 24VDC 26W		890,00
Coil	SP-COU-110RC/8	Atos	Coil: 99VDC 0,33A 300Ω Plug with retcifier for 110V AC (MPM142-09NI)		890,00 610,00
Coil	KSO-G02	Daikin	Coil: 100V 23 Ω		890,00
Coil	WD-21B-07		Coil: 24VDC		890,00
Coil	CA-2A	Daikin	Coil: 100V 25 Ω		890,00
Coil	98-0002		Coil: 200V 50Hz		890,00
Plug	3124070	Murr	Plug with RC network and indicator		190,00

### **Salgsbetingelser:**

Kredskort og andre reservedele udlånes ikke.

For reservedele som returneres beregnes 30% af prisen hvis emballagen har været åbnet.

For reservedele som returneres beregnes 15% af prisen hvis emballagen ikke har været åbnet.

Hvis kredskort eller ombytningskort ikke er returneret senest 14 dage efter modtagelsen beregnes fuld pris.

Der ydes 30% ombytningsrabat på kredskort, som kan reparereres.

Der ydes 3 måneder garanti på ombytningskort.

Der ydes 12 måneder garanti på nye kredskort.

Alle priser i Danske kroner.

Der tages forbehold for fejl i priser og tekniske beskrivelser.

Der tages forbehold for at varer kan være udsolgte.

### **Terms of sale:**

Boards and spare parts are not on loan.

For Parts returned a fee of 30% of the price will be charged if packing have been opened.

For Parts returned a fee of 15% of the price will be charged if packing have not been opened.

We offer 30% discount in exchange on boards which can be repaired.

If Boards are not returned within 14 days after they are received they will be charged fully.

We offer a 3 month warranty on boards which has been exchanged.

We offer a 12 month warranty on new boards.

All prices are in DKK.(Danish krone)

All prices and specifications are subject to change without notice.

Errors and omissions excepted.