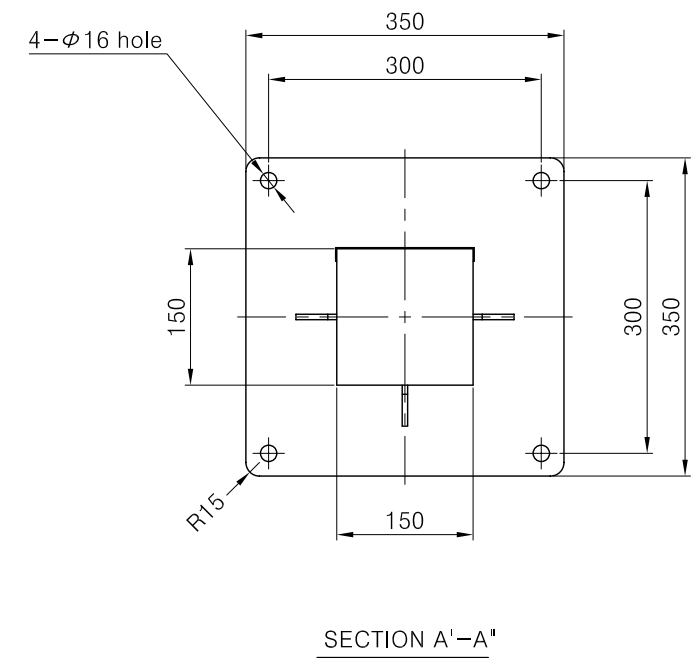
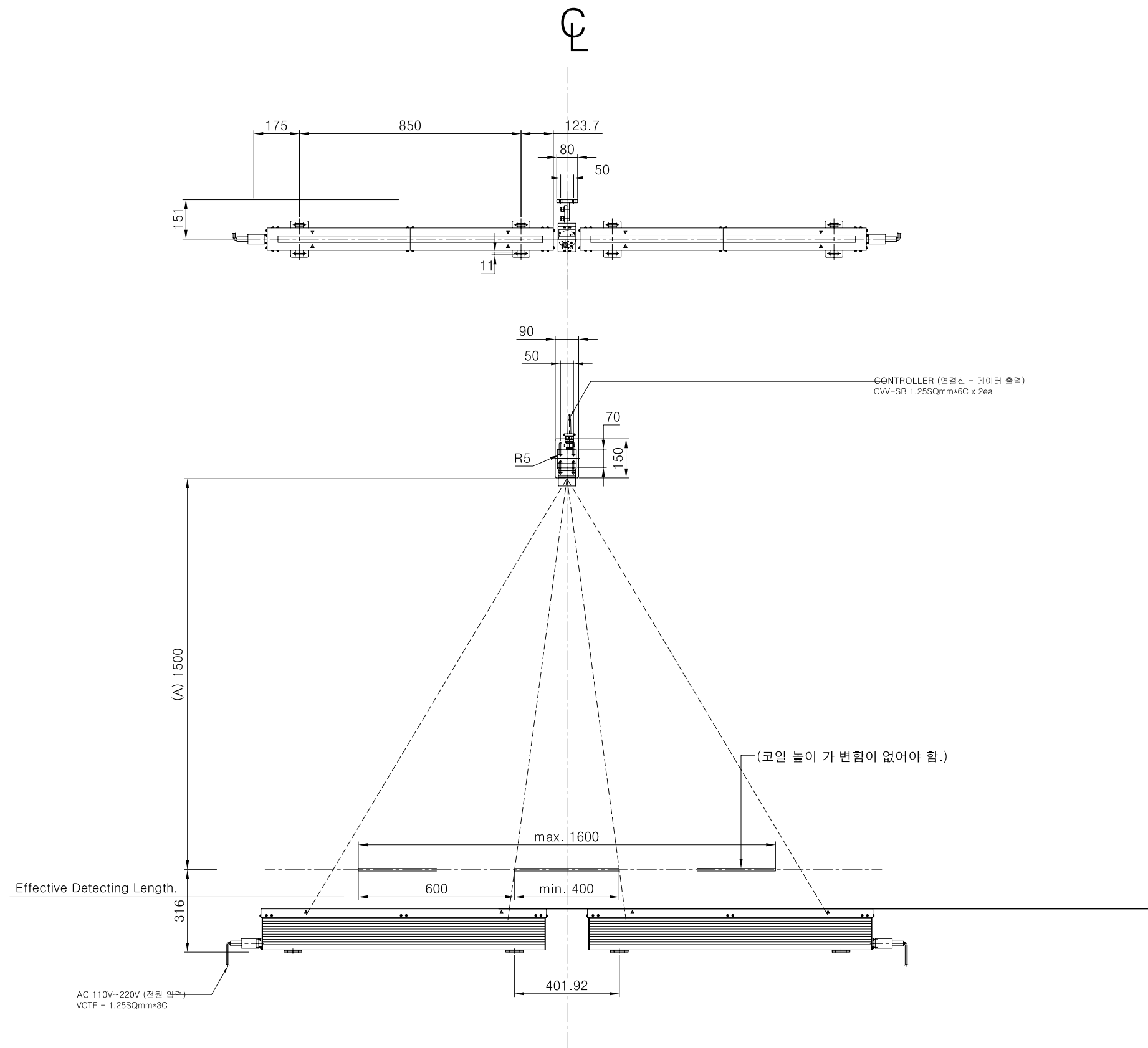


SPECIFICATIONS	
모델.	PR-DPA-550P-Y
제어 전원.	110~220VAC-50,60Hz - 100VA
동작 모드.	CPC 전용.
센서 입력.	-5~+5Vdc, 0~5Vdc, 4~20mAdc
출력.	±300mAdc load 20Ω (max.)
PLC 시그널.	Pulse signal(0~24Vdc) Max.freq. 1kHz, NPN 타입
시테거 기능.	4종류의 설정값 저장.
상용 온도.	-20° ~ 60°
중량.	35Kg

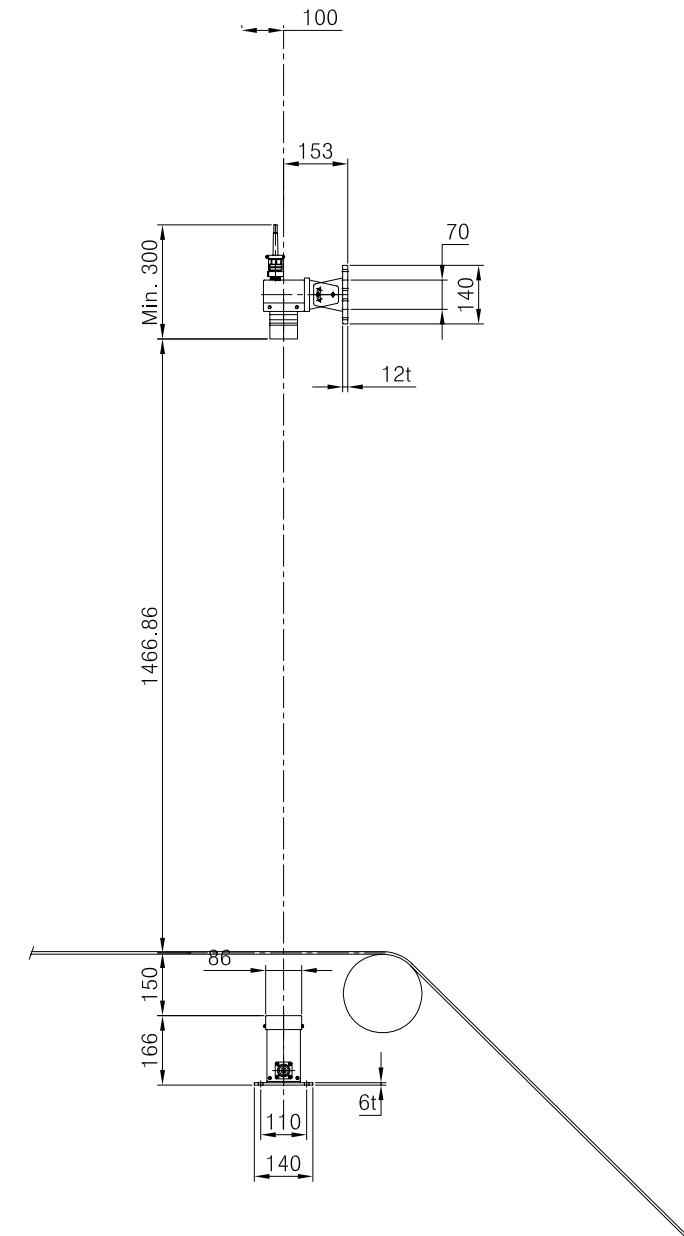


NO	ITEM	MAT'L	Q, TY	SIZE	REMARKS
DESIGN	CHECK	APPROVE	SCALE	MAME OF ARTICLE	DIGITAL STRIP POSITION AMP. PAY OFF REEL CPC SYSTEM
H. Y. M			1/1		
11. 12. 13					
<b>PORA</b> ELECTRIC MACHINERY CO.,LTD.			DWG NO	PR-DPA-550P-Y	



### 사 양 (Specifications)

모 델.	Model.	PR-SW-5000-28
렌 즈.	Lans	f = 28 mm
출 력.	Output Signal	0 ~ 5Vdc
검 출 소자.	Detecting Element.	CCD
투 광 수자.	Projecting Source.	PR-LM930-LED
검 출 폭.	Detecting Length.	1800 mm (tan32°*2*A)
공 급 전 원.	CCD Power.	12Vdc / 100mA
	Project0r Power.	AC 110V~220V / 400mA
상 용 온 도.	Ambient Temperature.	0 ~ 50°
중 량.	Weight.	10Kg



NO	ITEM	MAT'L	Q.TY	SIZE	REMAKS
DESIGN	CHECK	APPROVE	SCALE	MAME OF ARTICLE	CPC LINER SENSOR ( CCD TYPE )
Y.C.B			1/1		
13.05.20					
PORA ELECTRICAL CO.,LTD.				RELATION DWG	PR-SW-5000

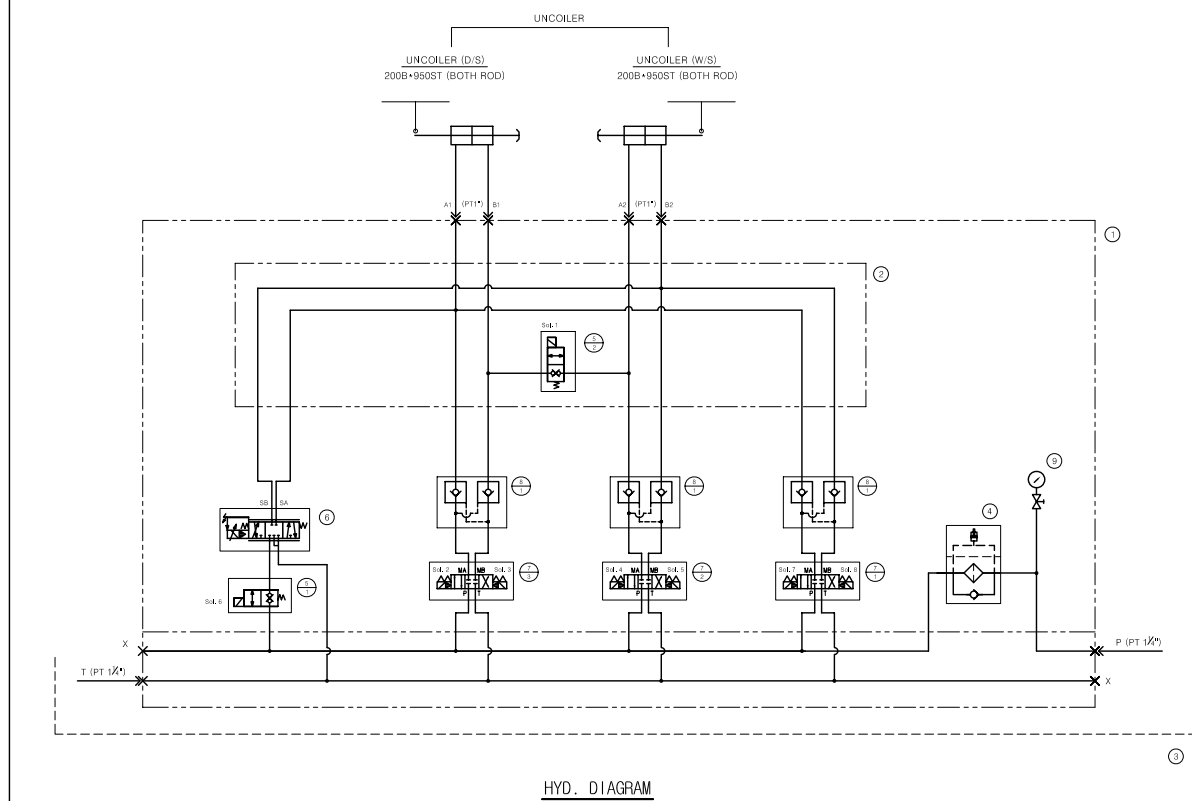
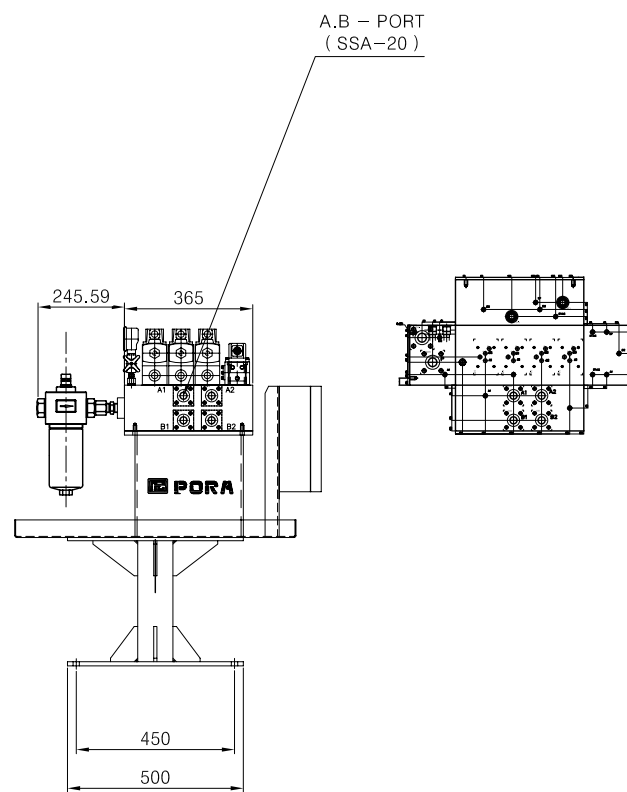
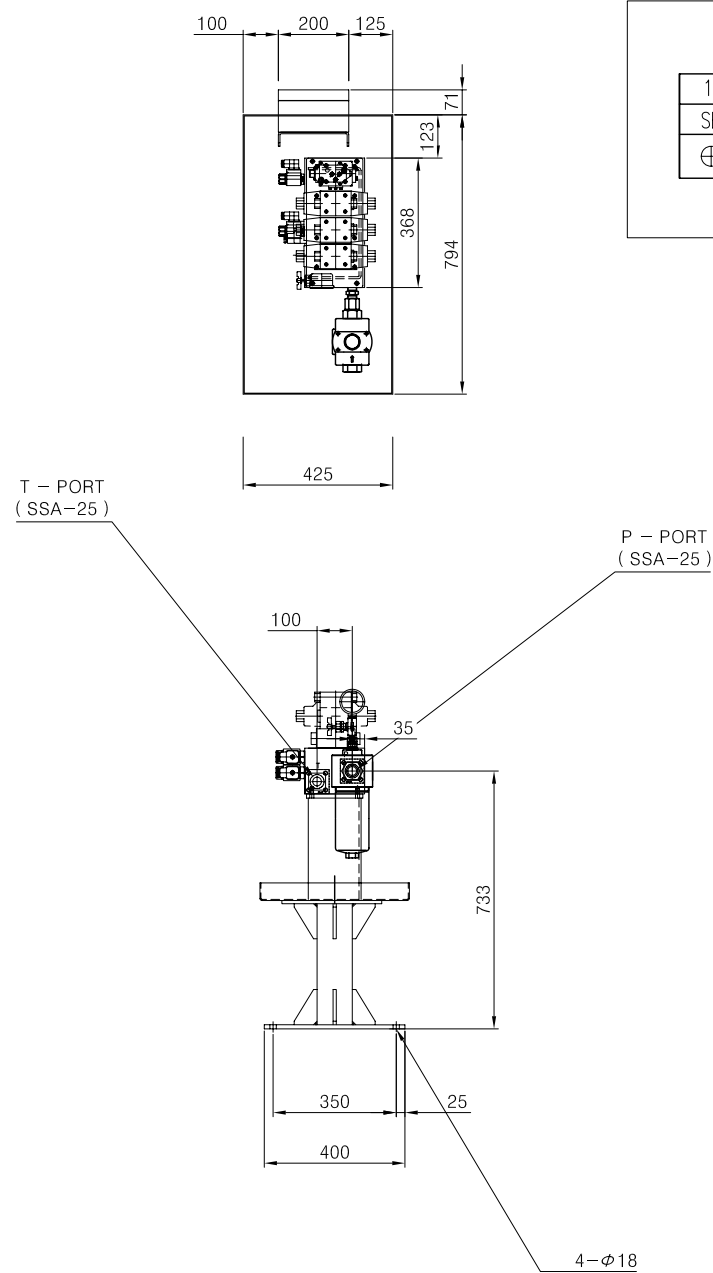
SPECIFICATIONS	
MODEL	PR-SV-N715
SOL. POWER	A.C 1 $\phi$ -220V/50Hz
MAX.PRESSURE	140kg/cm <sup>2</sup>
PUMP CAPACITY	50~75L/min
OIL NO	ISO-VG #46 (나스 7등급 유지)
WEIGHT	70kg

SOLENOID - 동작도

동작	SOL' NO							
	1	2	3	4	5	6	7	8
자동	0	X	X	X	X	0	X	X
단	D/S CLOSE	X	0	X	X	X	X	X
	D/S OPEN	X	X	0	X	X	X	X
	W/S CLOSE	X	X	X	0	X	X	X
	W/S OPEN	X	X	X	0	X	X	X
연	CENTERING	0	X	X	X	0	X	X
	D/S	0	X	X	X	X	X	0
	W/S	0	X	X	X	X	X	0
	OPEN	X	X	0	0	X	X	X
연	CLOSE	X	0	X	X	0	X	X

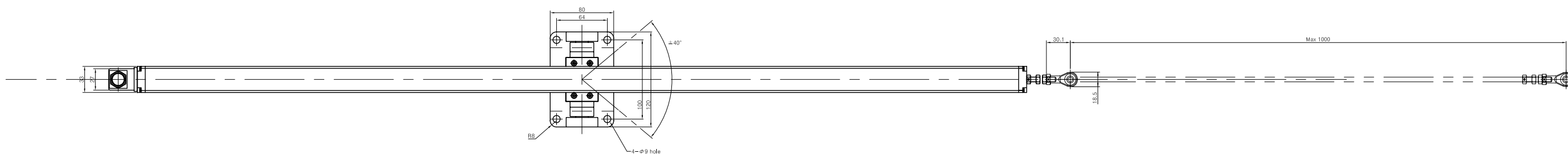
단자대 번호

1	2	S1	S2	S3	S4	S5	S6	S7	S8	COM
SERVO V/V	SOL. 1	SOL. 2	SOL. 3	SOL. 4	SOL. 5	SOL. 6	SOL. 7	SOL. 8	T1	
⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕

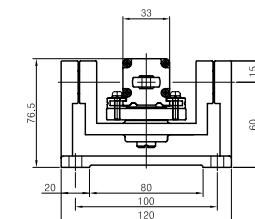
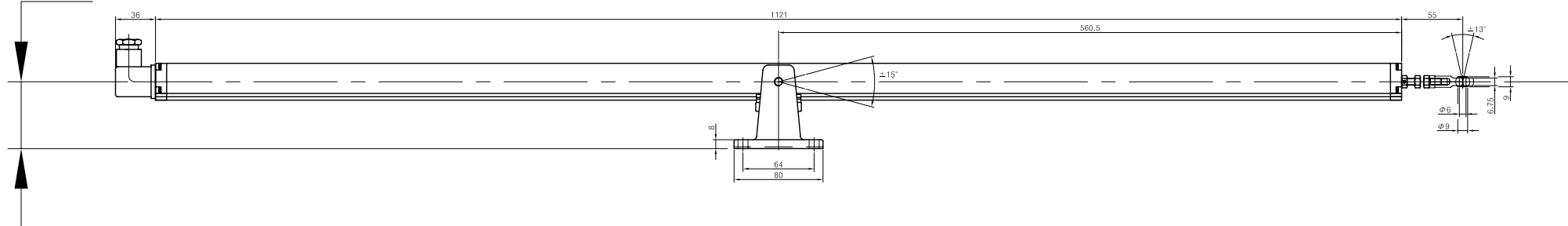


10	ELE. POWER BOX	CR	1	200*300*120	
9	GUAGE VALVE	CR	1	PT 1/4"	BESKO
9	PRESSURE GUAGE	CR	1	φ63-1/4"-250Kg/cm <sup>2</sup>	NUOVAFIMA
8	DUBLE PILOT CHECK VALVE	PUR	3	MPW-03	BESKO
7	DIRECTIONAL VALVE	PUR	3	DSHG-03-3C2	BESKO
6	SERVO VALVE	PUR	1	G631-75L	MOOG
5	SHUT-OFF VALVE	PUR	2	WS10Z-01M-C-N-220AG	HYDAC
4.1	INLINE SPARE FILTER	PUR	1	0160 D 005 BN4HC	GREEN
4	INLINE FILTER	PUR	1	MDF 160-5 B	
3					GREEN
2					
1	MANIFOLD BLOCK	SS440	1		
NO	ITEM	MAT'L	Q.TY	SIZE	REMARKS
DESIGN	CHECK	APPROVE	SCALE	NAME OF ARTICLE	
H. Y. M			1/1	VALVE STAND TYPE	
11.12.29				SERVO HYD. POWER GUIDE.	
PORA ELECTRICAL CO.,LTD.				RELATION DWG	PR-SV-N715

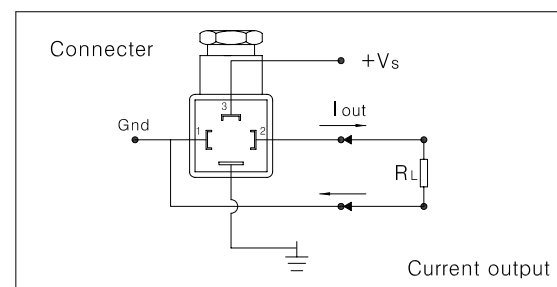
DATA	NO	SIGN	REVISION	REMARKS



60

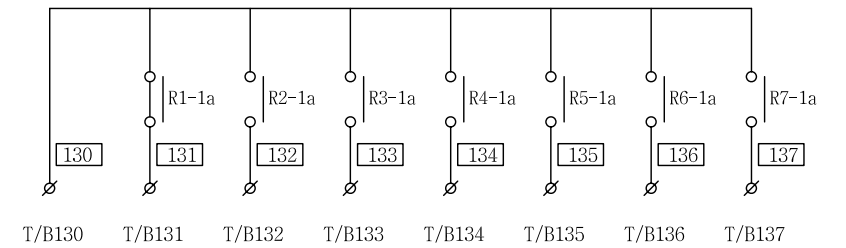
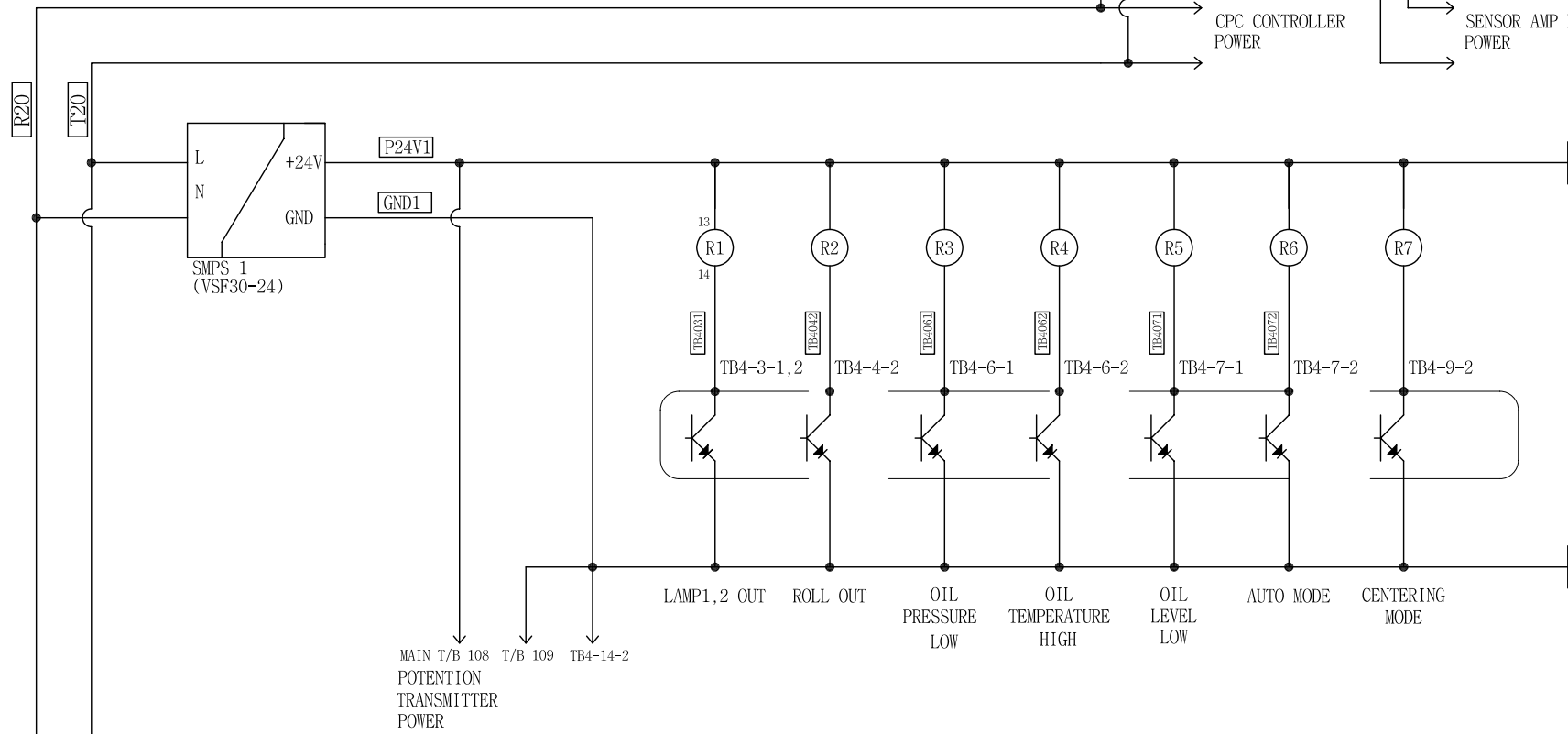
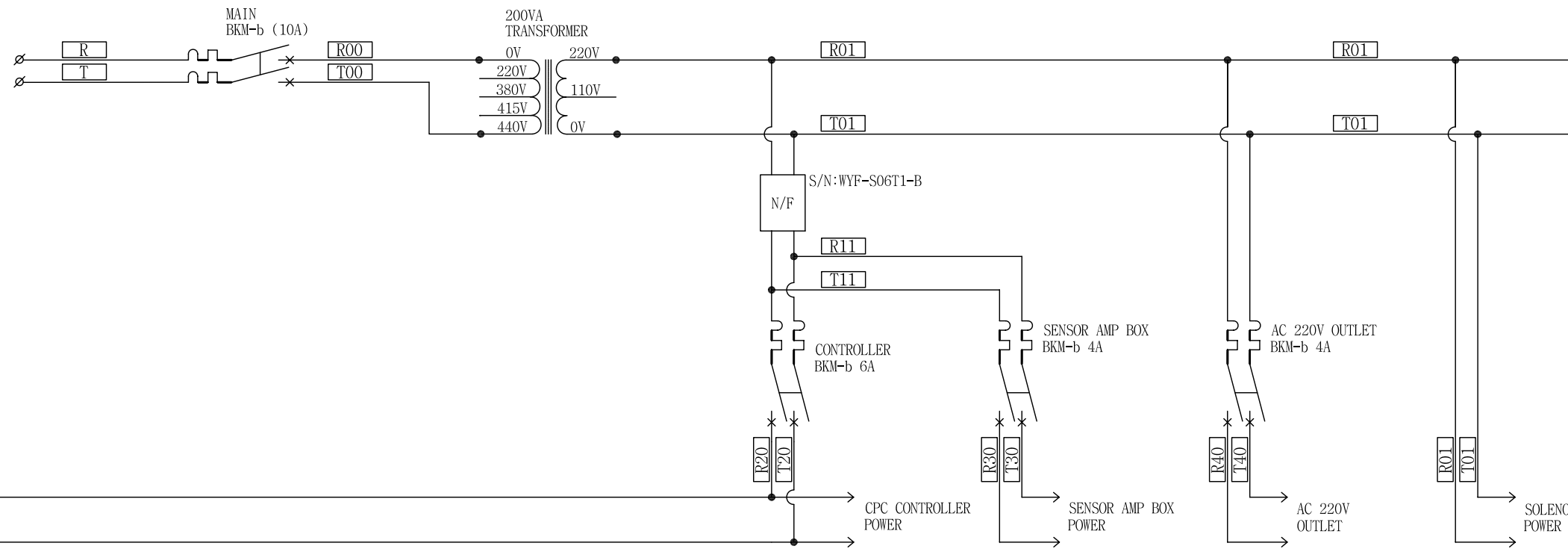


SPECIFICATIONS	
Output	4~20mA
Linearity	±%0.5
Repeatability	≤%0.01
Load resistance	≥10Kohm
Supply voltage	18~24VDC
Electrical connections	4Pole,Hydrolic type
Mechanical stroke	250 mm
Mechanical life	100 * 10 <sup>4</sup> Cycles
Displacement speed	≤5 m/s
Case material	Anodized aluminium
Mechanical fixing	Variable brackets
IP degree	IP 54
Working temperature	-20 / +80° C



NO	ITEM	MAT'L	Q,TY	SIZE	REMARKS
DESIGN	CHECK	APPROVE	SCALE	NAME OF ARTICLE	
Y.C.B			1/1	Position Transmitter	
13.05.28				RELATION DWG	DWG NO
				PR-ELS	PR-ELS-1000

MAIN AC INPUT



130	131	132	133	134	135	136	137
COM3	LAMP 1,2 OUT	ROLL OUT	HYD PRESS LOW	OIL TEMP HIGH	OIL LEVEL LOW	AUTO MODE	CENTER MODE

100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129
LEFT	GND	RIGHT	GND	VR1	VR2	VR3	shje1d	P24V	GND	SOLENOID VALVE	SERVO VALVE	COM1	FILTERN CLIPPING	HYD PRESS LOW	OIL TEMP HIGH	OIL LEVEL LOW				AUTO	LEFT	RIGHT	CENTER	COM2	SHIFT V/R		+	-	LINE SPEED
CPC SENSOR INPUT									POSITION TRANSMITTER									REMOTE SIGNAL INPUT-1											

130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	R30	T30	R	T
SHIFT AMOUNT +5V--5V	CYLINDER METER +5V--5V	STRIP METER +5V--5V								COM3					LAMP 1,2 OUT	ROLL OUT				HYD PRESS LOW	OIL TEMP HIGH	OIL LEVEL LOW	AUTO MODE							SENSOR AMP BOX AC OUTPUT	MAIN AC INPUT		

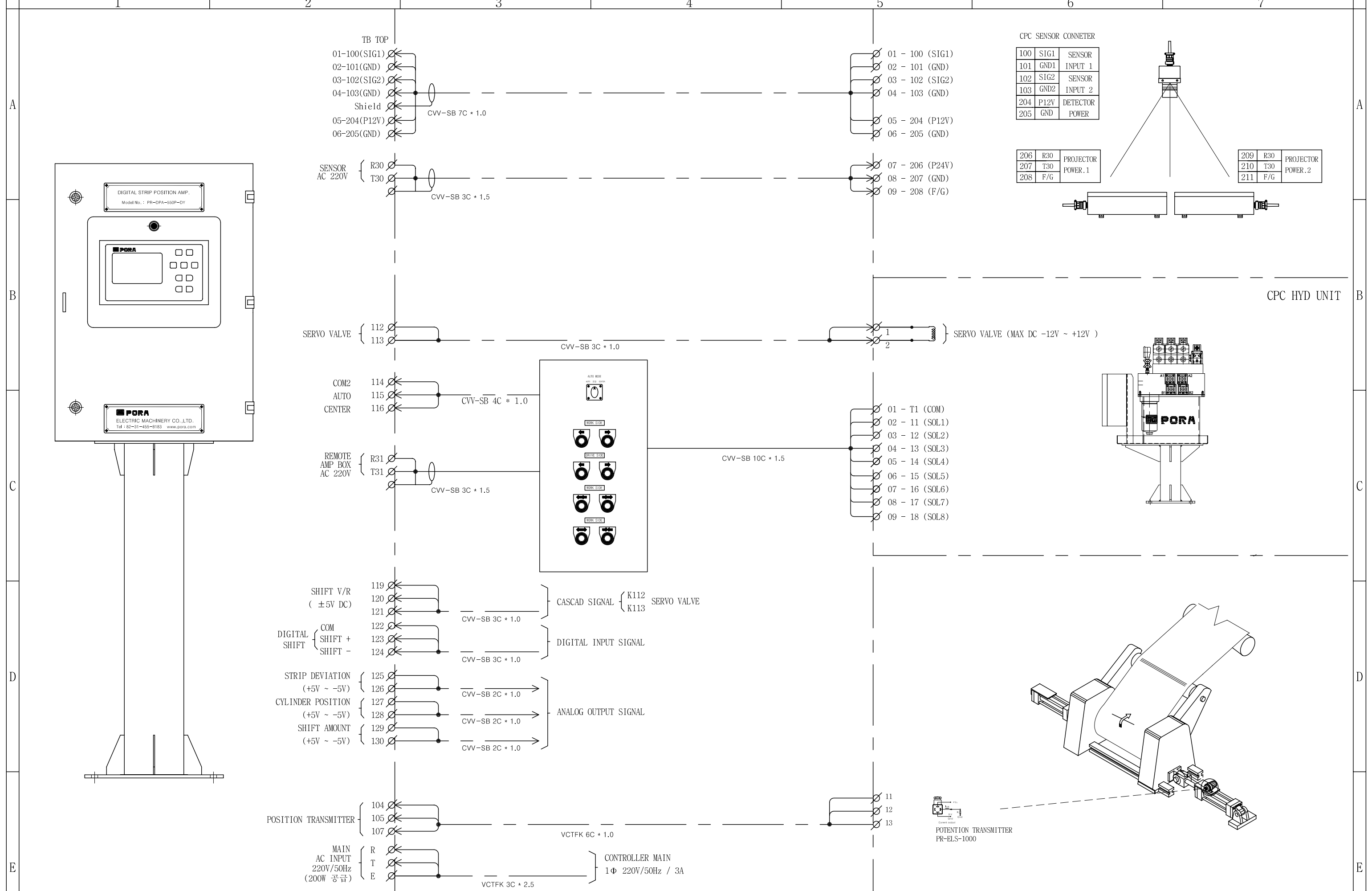
DRAWING	DESIGN	CHECK	APPROVE	SCALE
1				

CUSTOMER	중양영업소
FINAL CUSTOMER	IMC 테크



DESCRIPTION  
**CPC CONTROLLER SEQUENCE**

DWG NO	PR-DPA-550P-DY-120104-12
	B1. 4 15 B1.



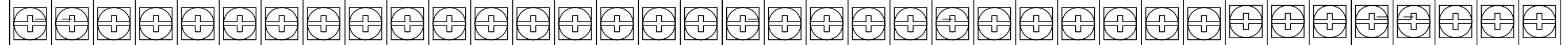
DRAWING	DESIGN	CHECK	APPROVE	SCALE
1				

CUSTOMER	중앙영업소
FINAL CUSTOMER	IMC 테크

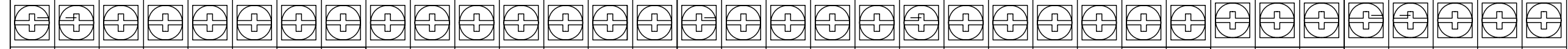


DESCRIPTION	TERMINAL GENERAL PLAN-2
-------------	-------------------------

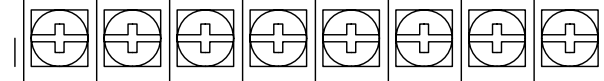
PAYOFF REEL	B1. 02-1
DWG NO	11 B1.
	PR-DPA-550P-DY-120104-13

100	101	102	103	104	105	106	107	108	109	119	120	121	138	139	115	135	116	117	118	136	114	220V	220V	110	111	112	113	127	128	129	130	132	133	135	134	131
																																				
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37

EPC1 SENSOR IN    EPC2    POSITION TRANSMITTER    P5V    ANALOG SHIFT    LINE SPEED    AUTO    MANU    CENT    IN(D) REMOTE    OUT(W)    AUTO START    COM2    AC220V OUT    SOL POWER OUT    SERVO VALVE OUT    S/D    CYL    SHIFT    COM    R/O    ANALOG OUT ±5V    AUTO    MANU    CENT    COM    DISPLAY

K100	K101	K102	K103	K104	K105	K106	K8	K119	K120	K121	K138	K139	K115	K135	K116	K117	K118	K136	K114	220V	220V	K110	K111	K112	K113	K127	K128	K129	K130	K132	K133	K135	K134	K131		
																																				
38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		

EPC1 SENSOR IN    EPC2    POSITION TRANSMITTER    P5V    ANALOG SHIFT    LINE SPEED    AUTO    MANU    CENT    IN(D) REMOTE    OUT(W)    AUTO START    COM2    AC220V OUT    SOL POWER OUT    SERVO VALVE OUT    S/D    CYL    SHIFT    COM    R/O    ANALOG OUT ±5V    AUTO    MANU    CENT    COM    DISPLAY

					R	T	E
							
73	74	75	76	77	78	79	80

POWER IN

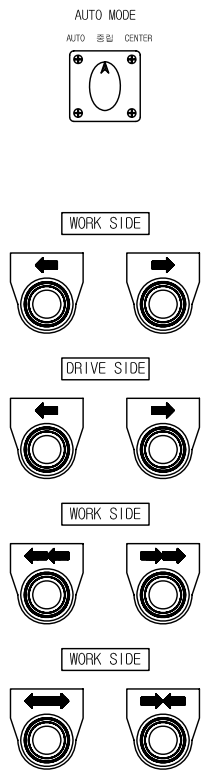
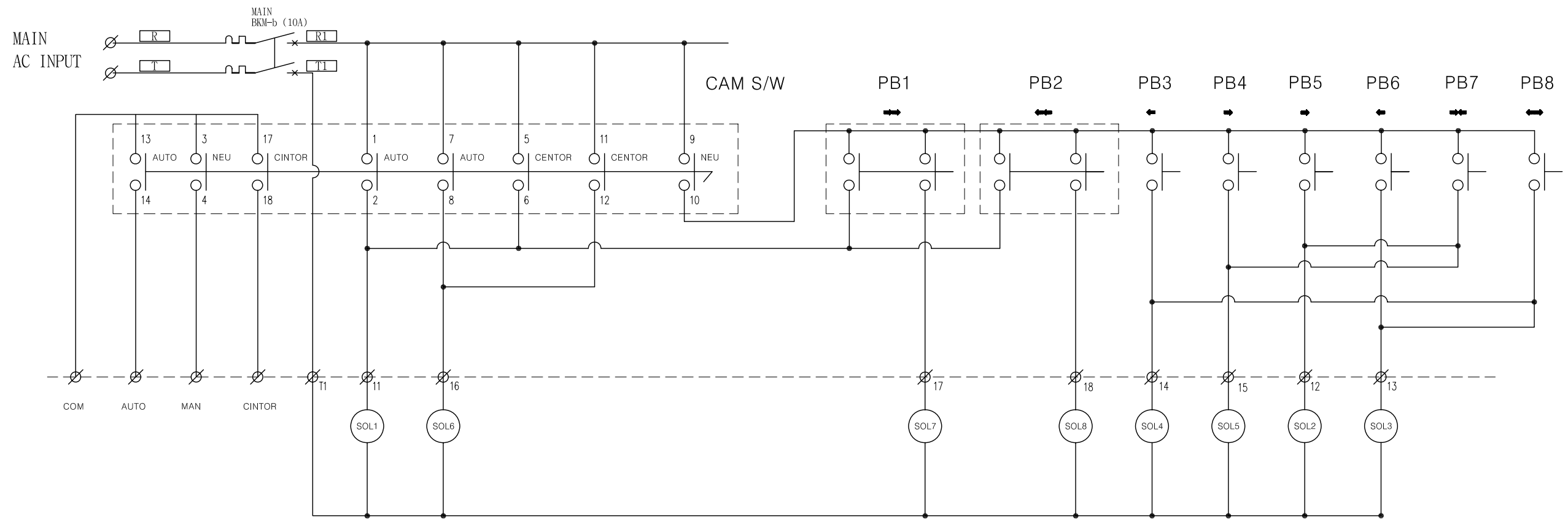
COS1  
MODE  
MAN STOP

COS2  
ALL  
WS DS

COS3  
WS  
OPEN CLOSE

COS4  
DS  
CLOSE OPEN

DRAWING	DESIGN	CHECK	APPROVE	SCALE	CUSTOMER	중앙영업소		DESCRIPTION	표준제작도면		B1. 01
KJS	KJS				FINAL CUSTOMER	IMC 테크		SENSOR PROJOTOR	DWG NO		11 B1.
									PR-DPA-550P-DY-120104-14		



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
R31	R32	E	COM	AUTO	MAN	CENT	T1	11	12	13	14	15	16	17	18				
⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕

DRAWING	DESIGN	CHECK	APPROVE	SCALE
KJS	KJS			

CUSTOMER	중앙영업소
FINAL CUSTOMER	IMC 테크



DESCRIPTION  
**SENSOR PROJOTOR**

표준제작도면		B1. 01
DWG NO		11 B1.
PR-DPA-550P-DY-120104-23		