

TP77P3B-User Manual



2. Specifications

2-1. General

Acceptance Rate	96% or gr eater
Interface	Pulse/RS232 、 Pulse/ccTalk 、 Pulse/ID003
Installation	Indoor
Bill Inser tion	Four way acceptable

2-2. Electrical

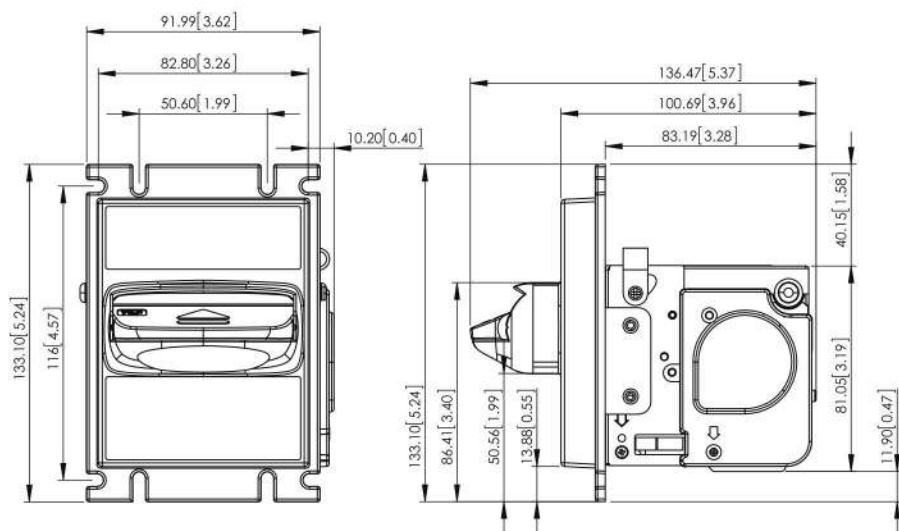
Power Source	12V DC $\pm 5\%$
Power Consumption	12V DC Standby : 350mA / 4.2W Motor Lock : 2A / 24W
Operation Environment	Operation Temperature : 0° C~60° C
	Storage Temperature : -10° C~80° C
	Humidity : 20%~70%RH (no condensation)

2-3. Mechanica

Weight	TP1/2-P5 Approx. 1.55Kg TP1-P8 Approx. 1.56Kg TP1/2/3/4 Approx. 0.70kg
Outline Dimension	Please refer to Chapter 4 - Dimension
Bill Box Capacity	Approx. 500 bills (P5 Series) Approx. 800 bills (P8 Series)
Bill Accepted Width	TP1 / TP1-K : 62 ~70mm TP2 : 66 ~77mm TP3 : 68~83mm

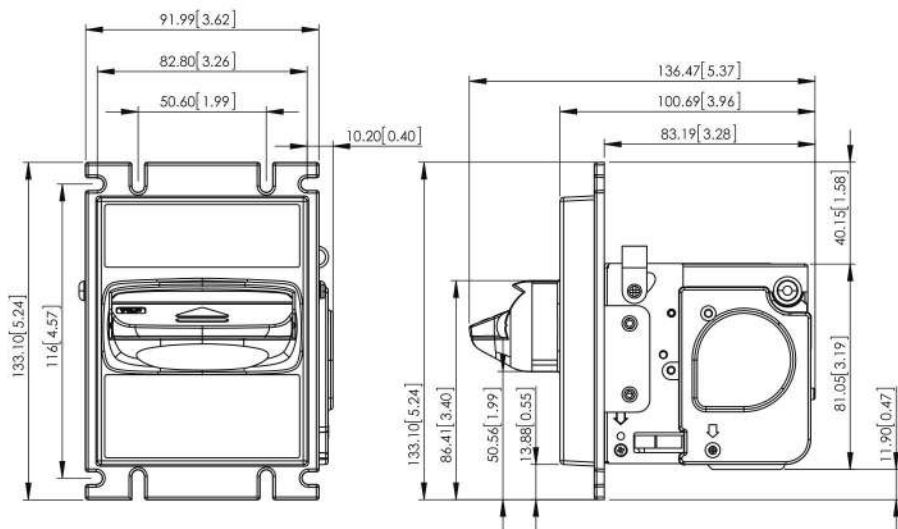
Unit : mm [inch]

TP1/TP1-P5-Middle Bezel



Unit : mm [inch]

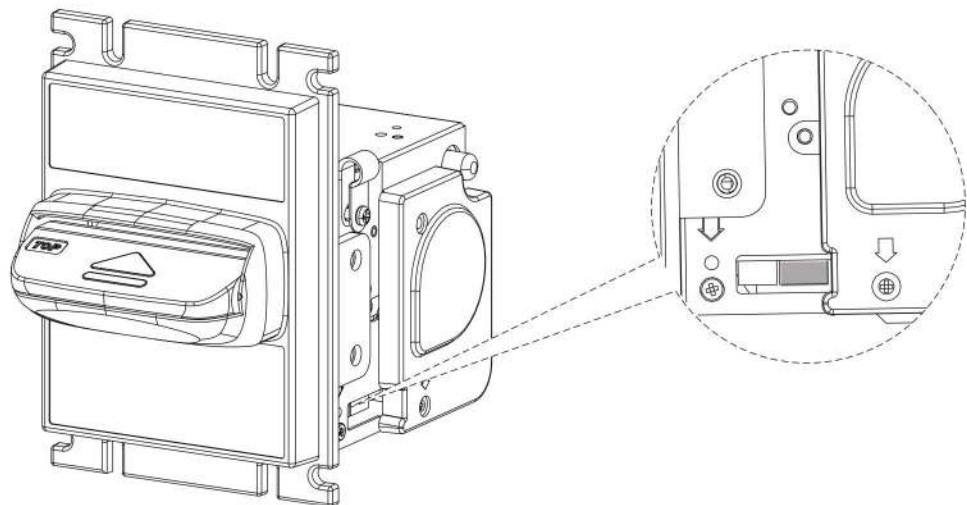
TP1/TP1-P5-Middle Bezel



5. Installation

5-1. Harness Application

Interface	Voltage	Usage	Harness	Page
PULSE	12V DC	Power & Data Communication	WEL-R7U02	8
		Extension Cable	CU-R961-1	9
Power & Data Communication		WEL-R7U02	8	
Extension Cable		CU-R961-1	9	
RS232		Data Communication	WEL-R7U06	10

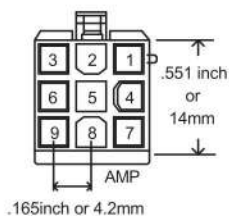
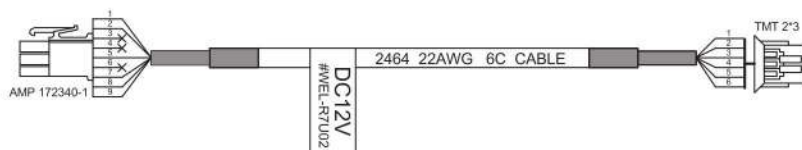


NOTE : Software download

Please refer to the G-BOX instruction manual for the download manual.

HARNESS FORMAT

WEL-R7U02



AMP 172340-1 BACK VIEW

PIN NO	COLOR	PIN DEFINE
PIN1	YELLOW	INHIBIT +
PIN2	GREEN	INHIBIT-
PIN5	RED	+12V DC
PIN7	BLUE	METER+
PIN8	PURPLE	METER-
PIN9	ORANGE	GND

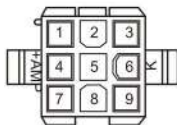
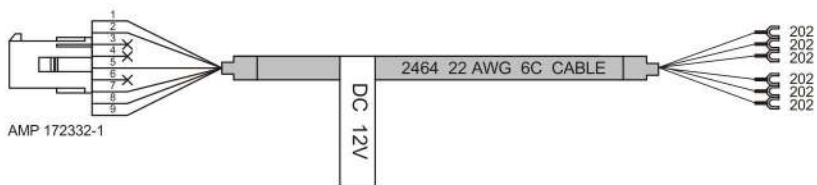


TMT 2*3 BACK VIEW

PIN NO	COLOR	PIN DEFINE
PIN1	RED	+12V DC
PIN2	ORANGE	GND
PIN3	YELLOW	INHIBIT +
PIN4	GREEN	INHIBIT-
PIN5	BLUE	METER+
PIN6	PURPLE	METER-

HARNESS FORMAT

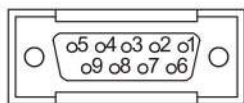
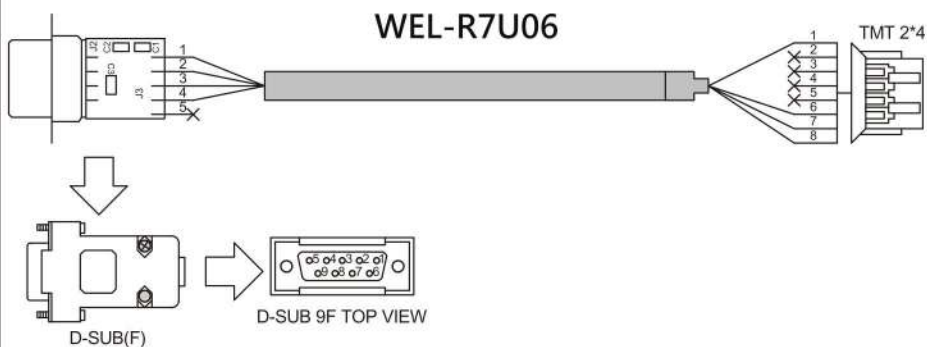
CU-R961-1



AMP 172332-1
BACK VIEW

PIN NO	COLOR	PIN DEFINE
PIN1	YELLOW	INHIBIT+
PIN2	GREEN	INHIBIT-
PIN5	RED	+12V DC
PIN7	BLUE	METER+
PIN8	PURPLE	METER-
PIN9	ORANGE	GND

HARNESS FORMAT



PIN NO	PIN DEFINE
PIN2	TXD
PIN3	RXD
PIN5	GND

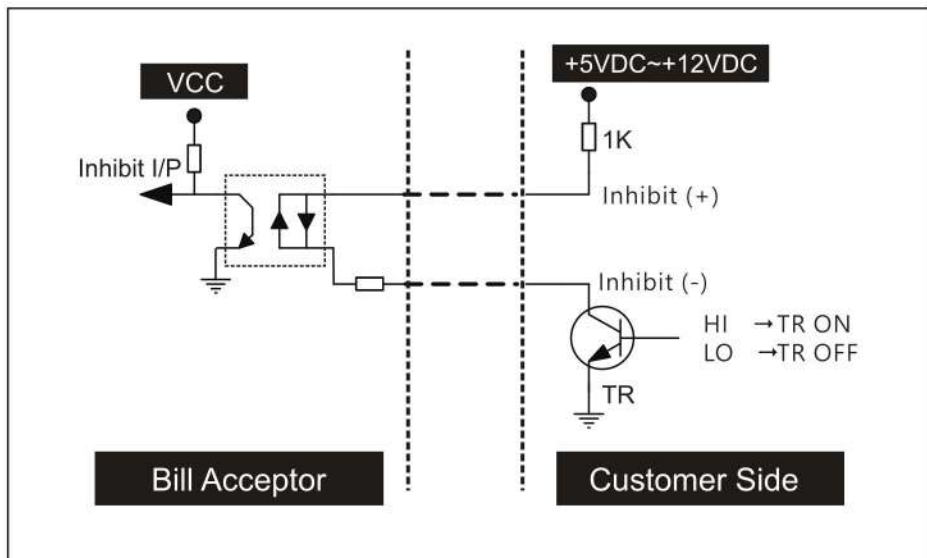
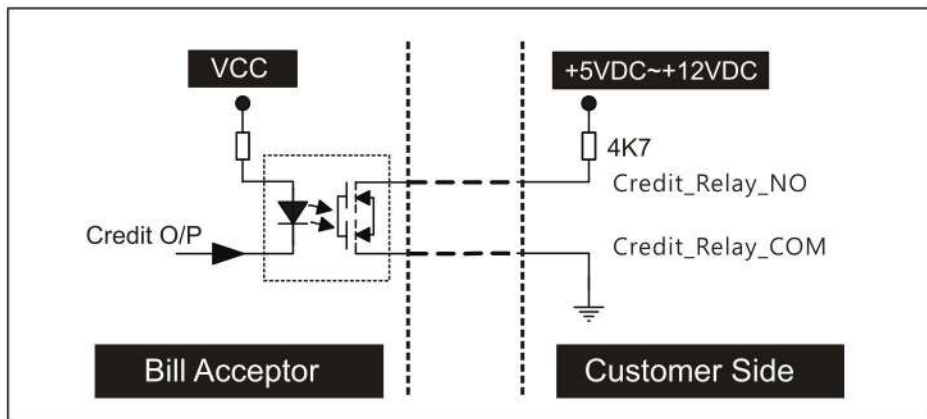


TMT 2*4 BACK VIEW

PIN NO	COLOR	PIN DEFINE
PIN1	BLUE	GND
PIN6	WHITE	VCC
PIN7	BLACK	RXD
PIN8	PURPLE	TXD

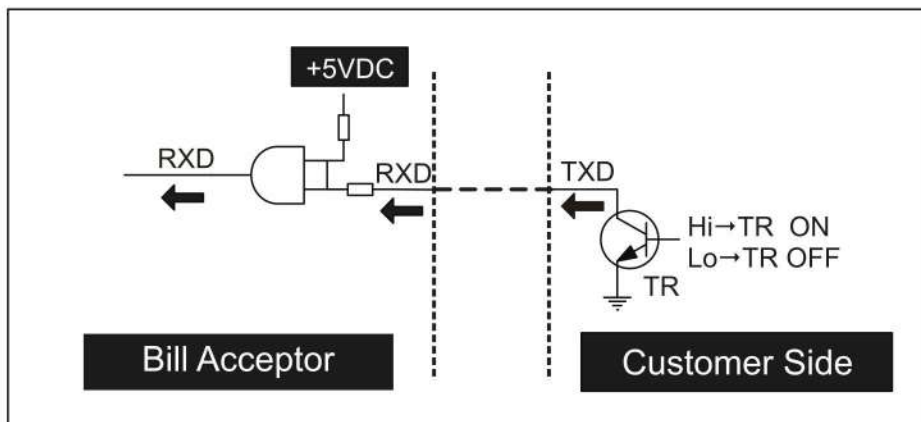
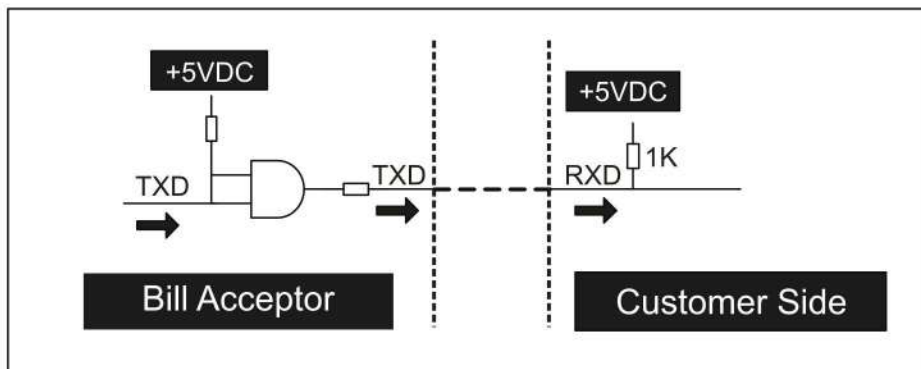
5-2. I/O Circuit

PULSE INTERFACE



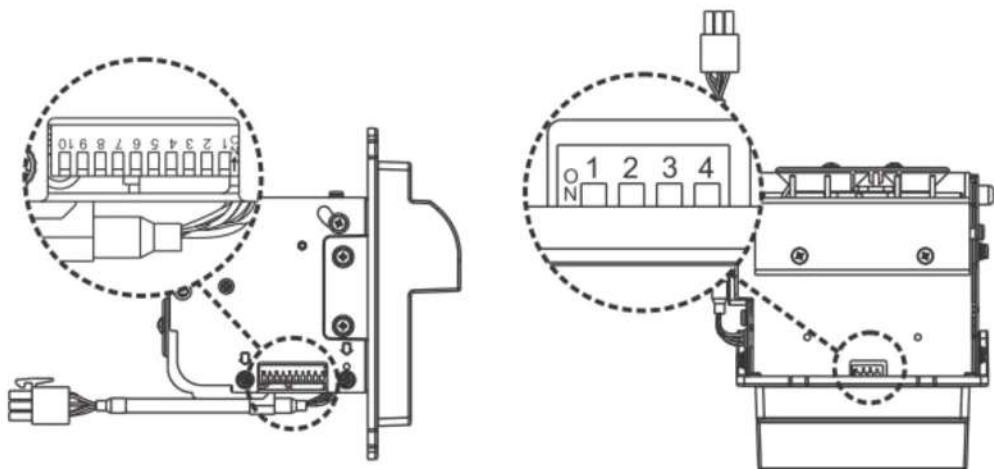
BA Status	DIP SW Setting	Control Signal
Inhibit	Inhibit Active	Low
		High
Enable	Inhibit Active	Low
		High

Standard RS232 Protocol



5-3. DIP Switch Setting

There are DIP switches located at the sides of the TP series. Varying on different currencies and credit output formats used; the DIP switch setting could vary to fit user's needs. The DIP switch located at the bottom of the TP series is intended for interface settings. Please refer to the "TP Series DIP Switch Setting Guide" in the package for more details.

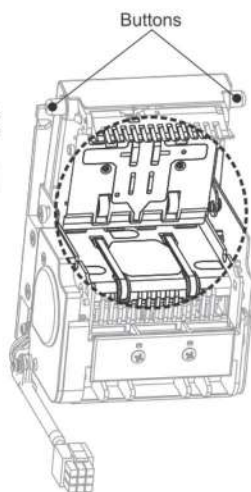


6. Maintenance

Foreign objects on the LED or sensor may cause bill jamming and decrease acceptance rate. To make sure the bill acceptor always works smoothly, please clean the internal parts regularly.

To clean the internal parts :

1. Turn Bill Acceptor off.
2. Open LED Assembly by pushing buttons on k
3. Use a soft, dry cloth or towel to clean the bill



7. Troubleshooting

LED Flash	Status	Corrective Actions
1	Bill jammed	Open bill path unit and then remove the jammed bill.
2	Disable	Inspect for right DIP switch setting
3	Recognition sensor module error	Inspect for foreign objects on sensor or bill path and clean
3+2	Hook sensor error	Inspect for foreign objects on security hook and clean
3+4	Fish sensor error	Inspect for foreign objects on sensor or bill path and clean
4	A stringing attempt has detected	Inspect for foreign objects on sensor or bill path and clean
6	Stacker error or stacker full	Inspect for foreign objects on stacker and clean or wmpy the bill box
7	Motor error	Inspect for foreign objects on bill path and clean