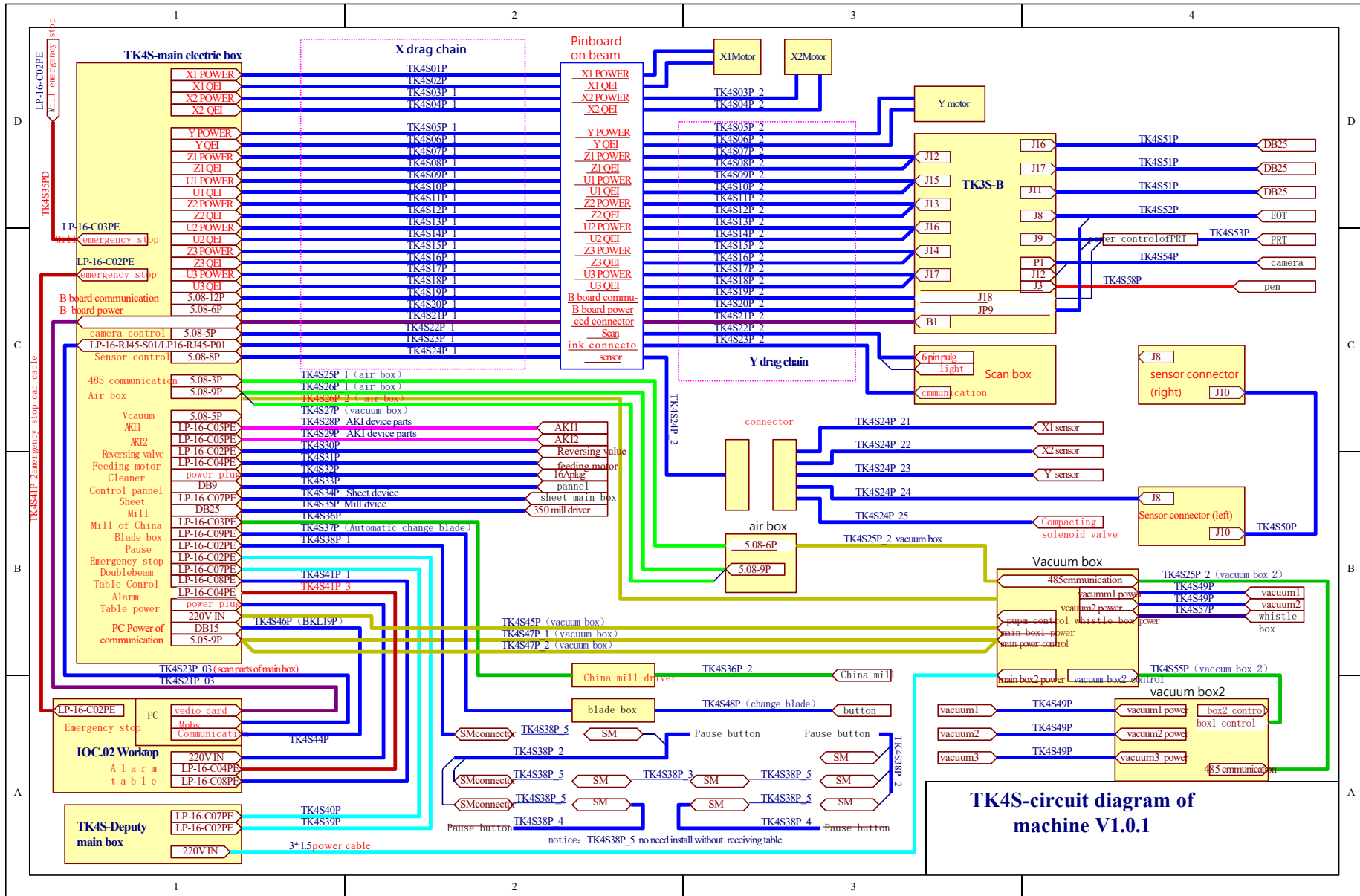
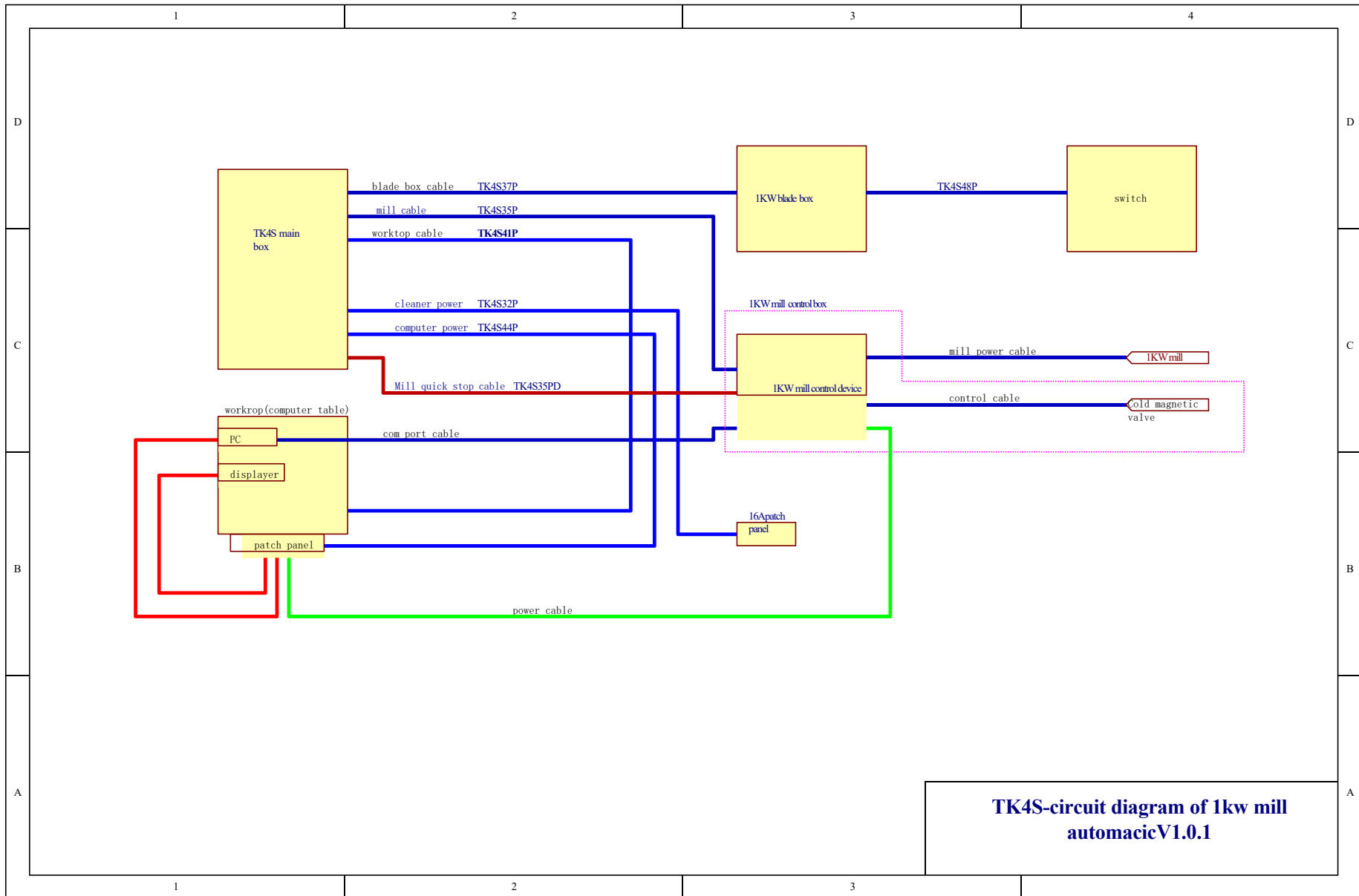
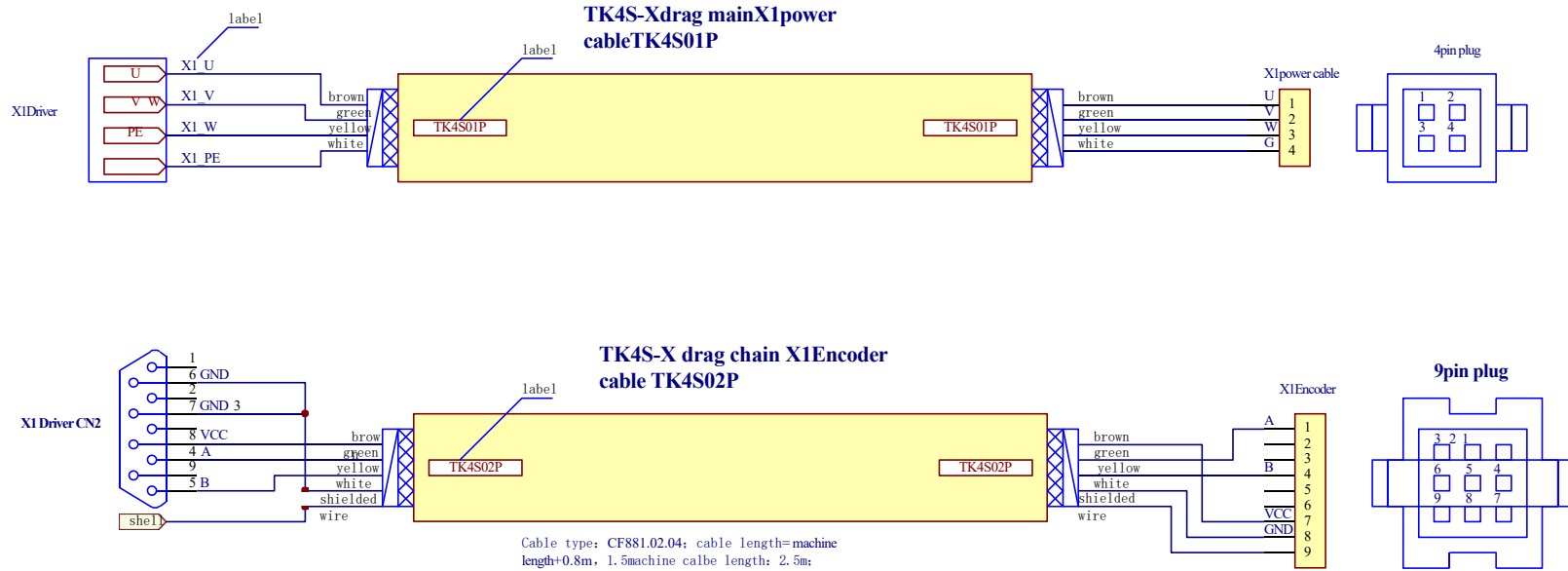


# TK4s Cricuit diagram of Machine



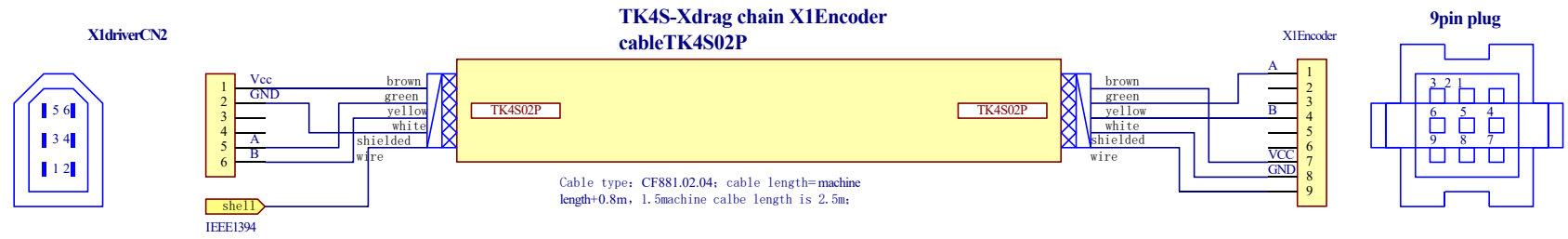
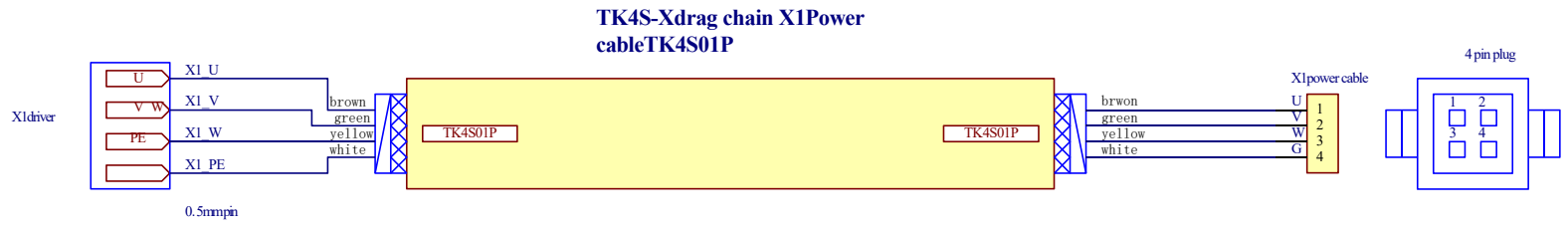


# Xdrag chain parts



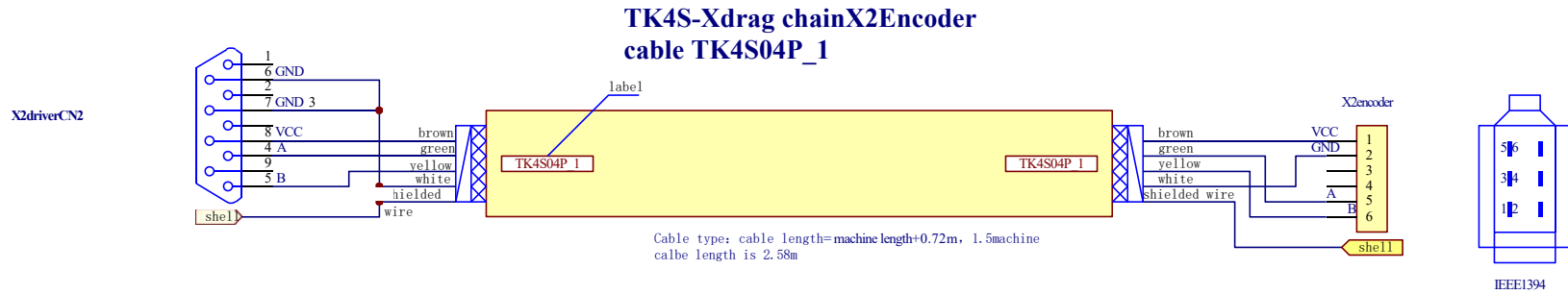
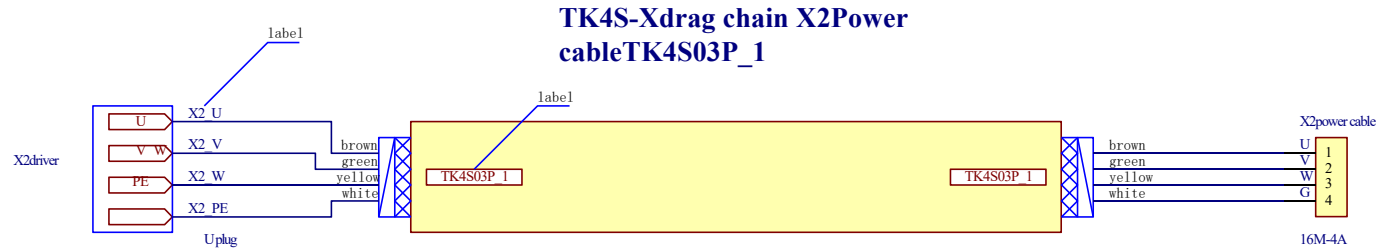
**TK4S-circuit diagram of X1 motor X control cable V1.0.1**

### Xdrag chain parts (A3 servo)



**TK4S-circuit diagram of X1 motor X control cableV1.0.0**

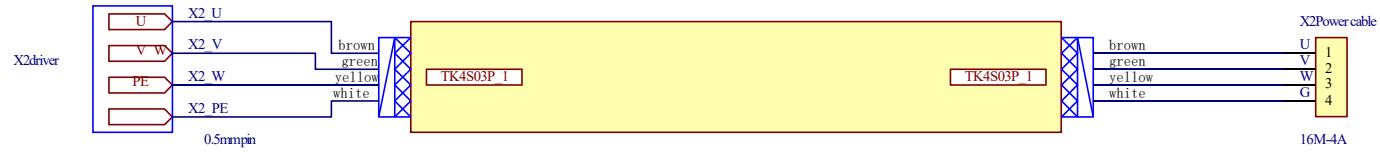
**Xdrag chain parts**



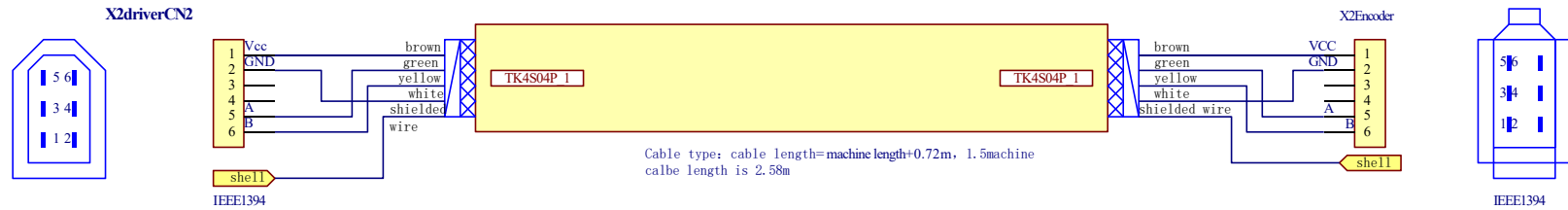
**TK4S-circuit diagram of X2 motor X control cable V1.0.1**

**Xdrag chain parts (A3 servo)**

**TK4S-Xdrag chain X2Power cable TK4S03P\_1**



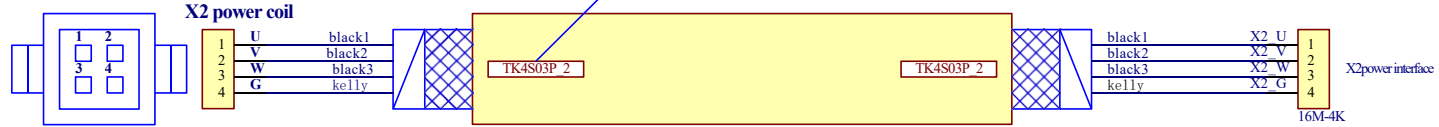
**TK4S-Xdrag chain X2Encoder cable TK4S04P\_1**



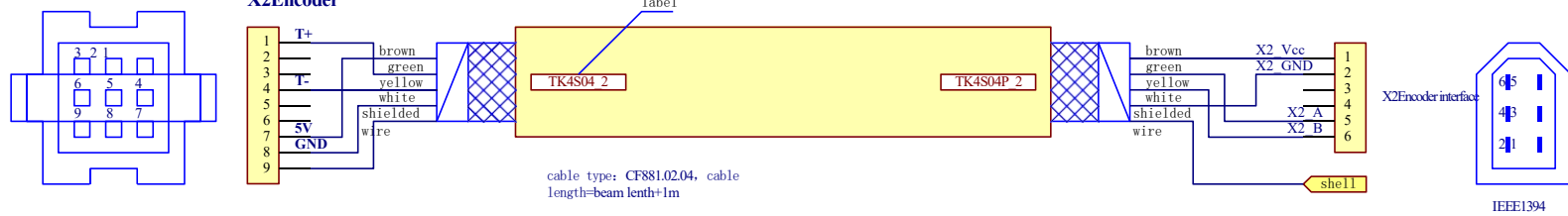
**TK4S-circuit diagram of X2 motor X control cable V1.0.0**

cable parts of machine

X2motor (delta)



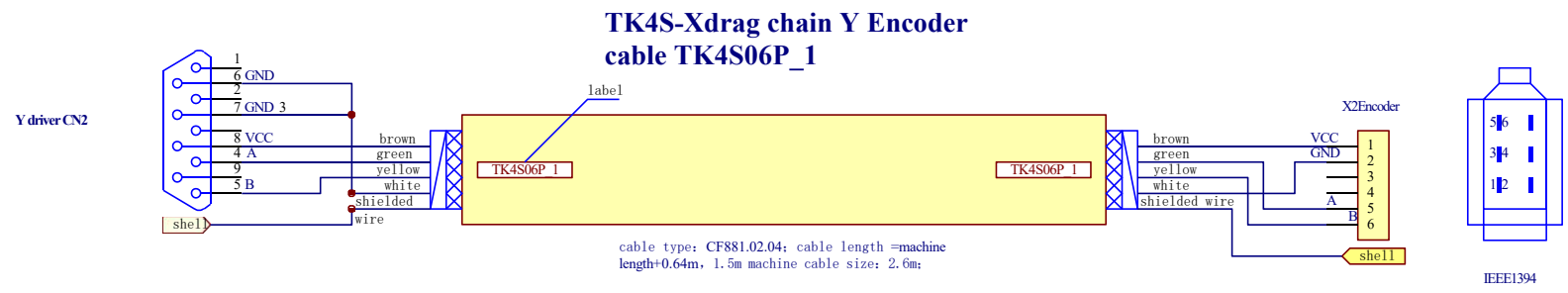
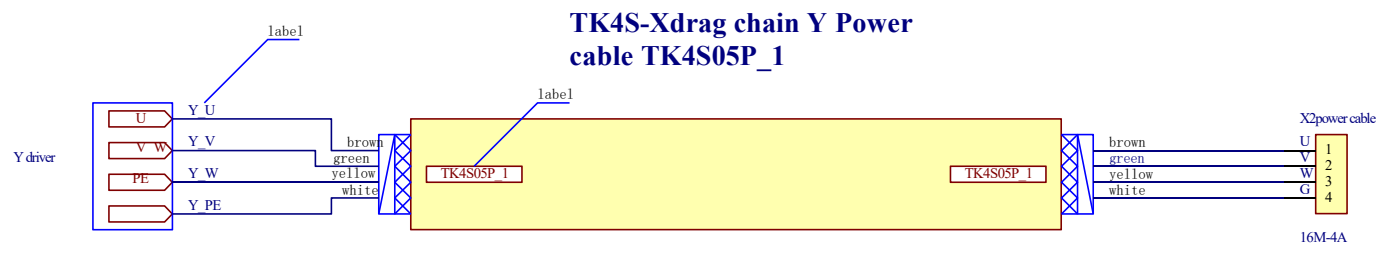
9pin plug



TK4S-circuit diagram of X2 motor Y control cable V1.0.1



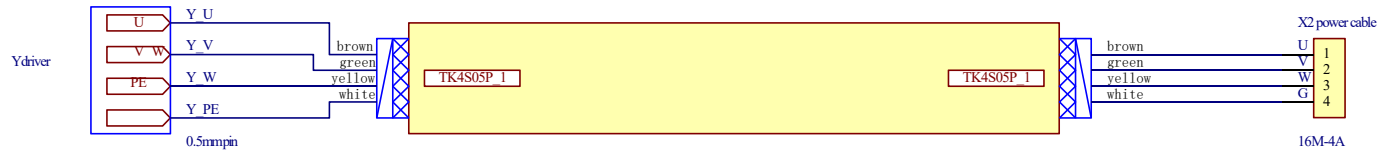
# Xdrag chain parts



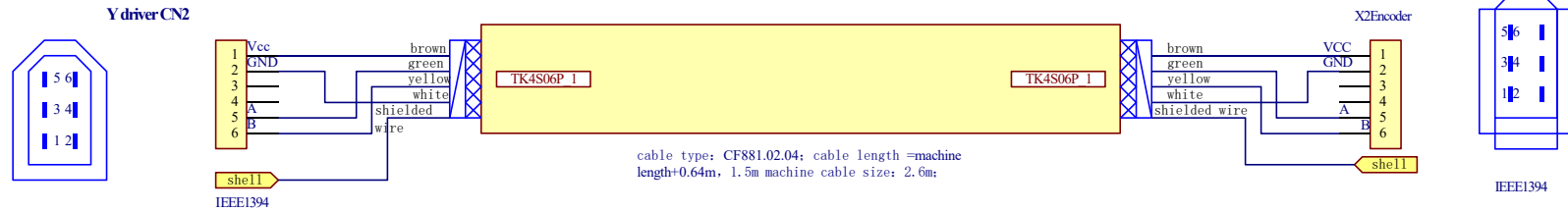
**TK4S-circuit diagram of X2 motor Y control cableV1.0.1**

**Xdrag chain parts A3**

**TK4S-Xdrag chainY power cable TK4S05P\_1**



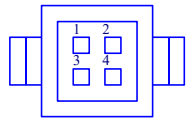
**TK4S-Xdrag chain Y Encoder cable TK4S06P\_1**



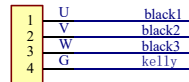
**TK4S-circuit diagram of Y motor X control cableV1.0.0**

# Y drag chain parts

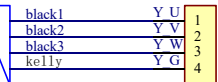
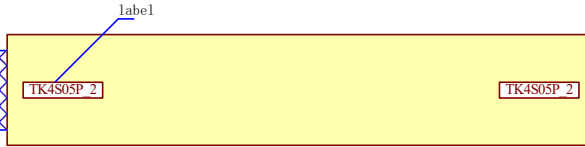
## Ymotor (delta)



### Y power coil



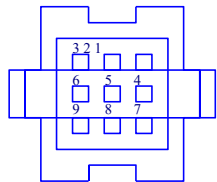
## TK4S-Ydrag chainY power cable TK4S05P\_2



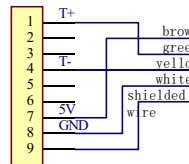
Ypowerinterface

16M-4K

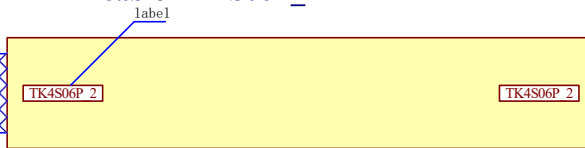
## 9pin plug



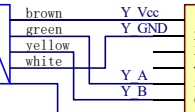
### YEncoder



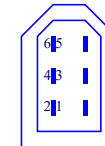
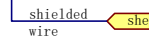
## TK4S-Ydrag chain YEncoder cable TK4S06P\_2



cable type: CF881.02.04, cable length=beam length+1.4m;



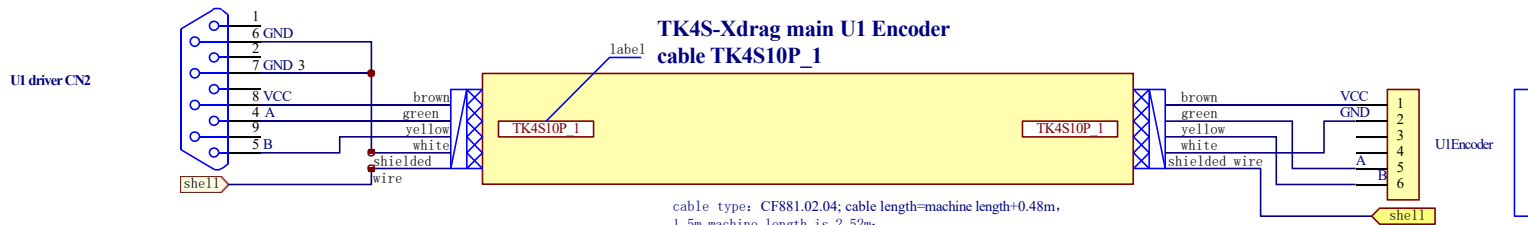
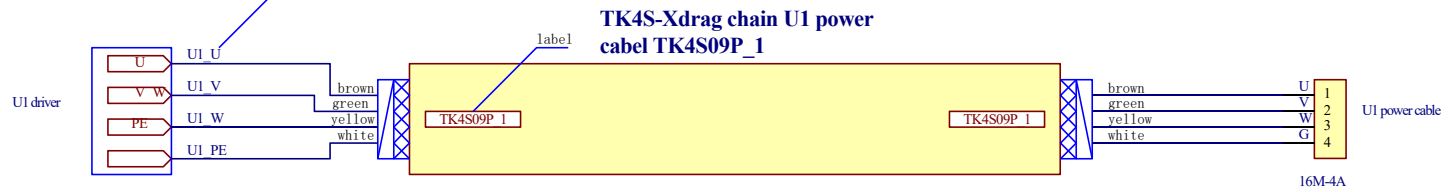
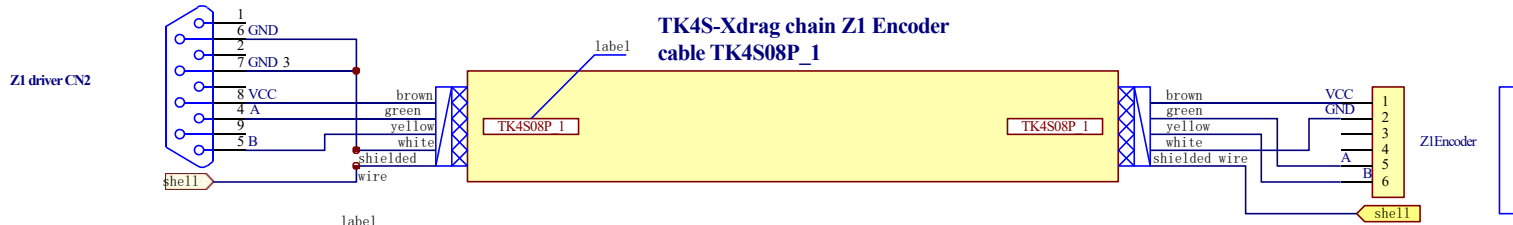
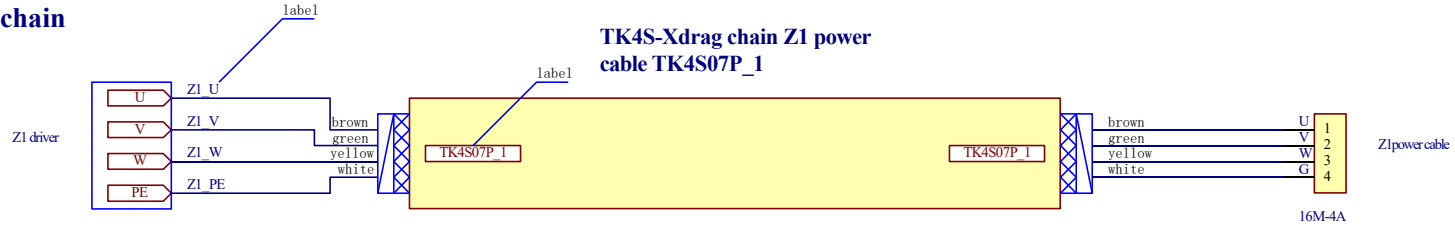
YEncoder interface



IEEE1394

## Circuit diagram of Y motor Y control cableV1.0.1

# X drag chain parts

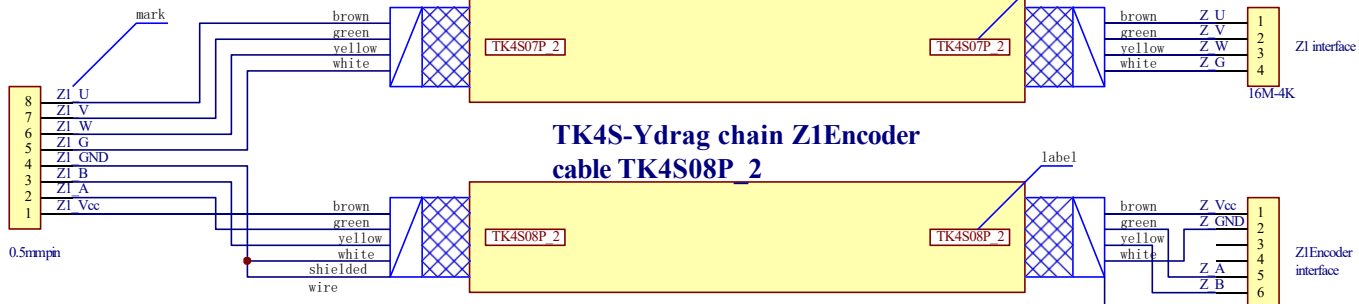


cable type: CF881.02.04; cable length=machine length+0.48m, 1.5m machine length is 2.52m;

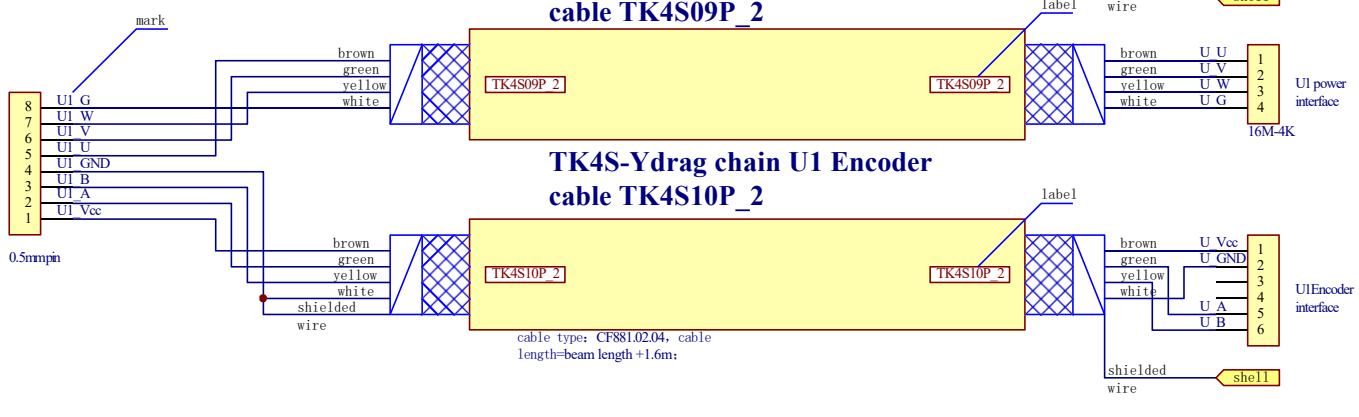
## TK4S-circuit diagram of cutting head1 X cable V1.0.1

**Y drag chain parts**

**BK3\_B board J12**



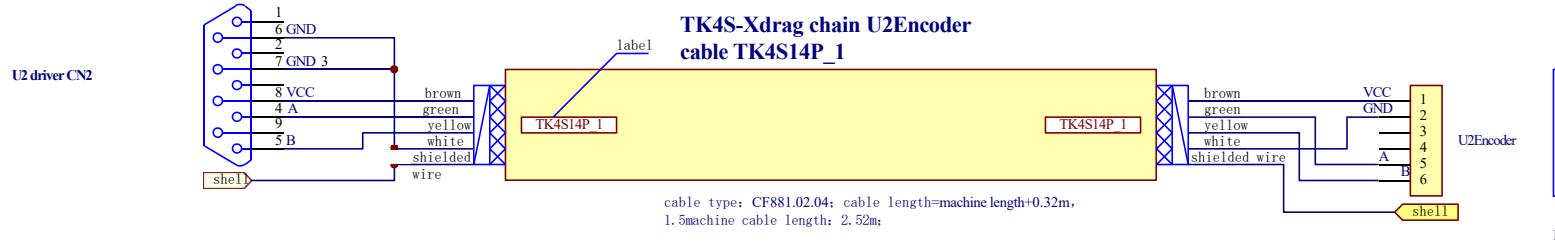
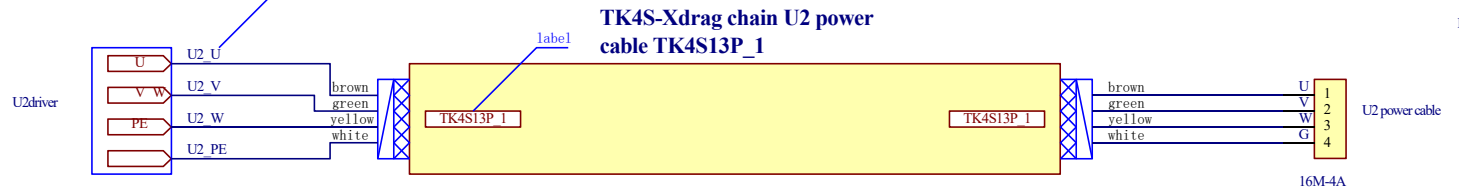
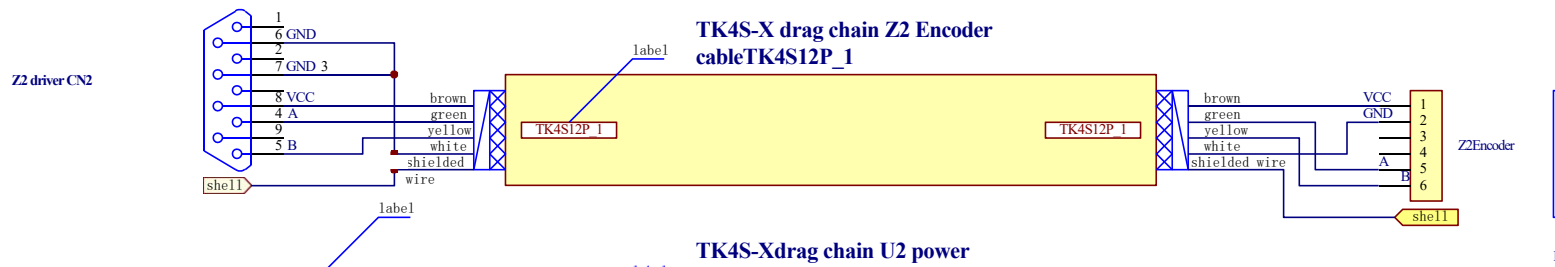
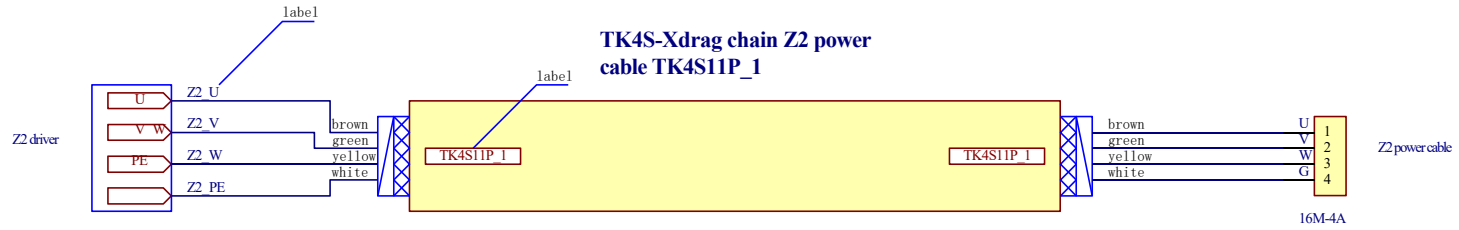
**BK3\_B board J15**



cable type: CF881.02.04, cable length=beam length +1.6m;

**TK4S-circuit diagram of cutting head1 Y cable V1.0.1**

### Xdrag chain parts



cable type: CF881.02.04; cable length=machine length+0.32m.  
1.5machine cable length: 2.52m;

**TK4S-circuit diagram of cutting head2 X cableV1.0.1**

**Ydrag chain parts**

**BK3\_B board J13**



0.5mm pin

**BK3\_B board J16**



0.5mm pin

**TK4S-Ydrag chain Z2 power cable TK4S11P\_2**

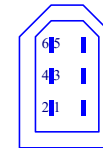
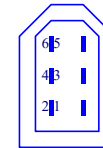
**TK4S-Ydrag chain Z2 Encoder cable TK4S12P\_2**

**TK4S-Ydrag chain U2 power cable TK4S13P\_2**

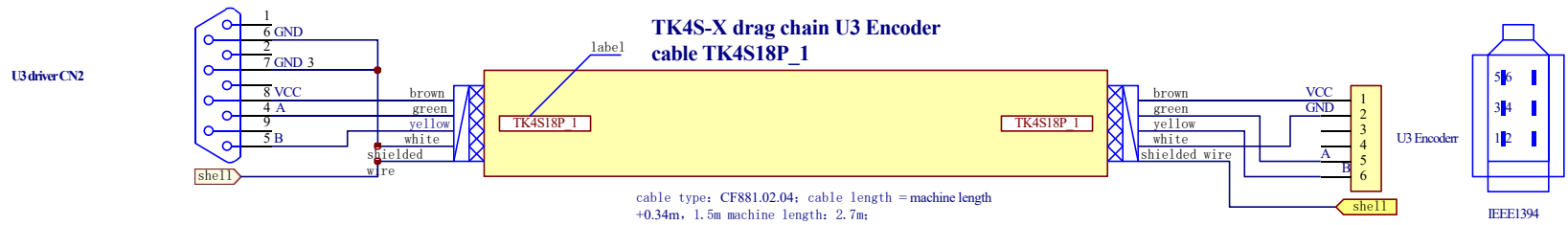
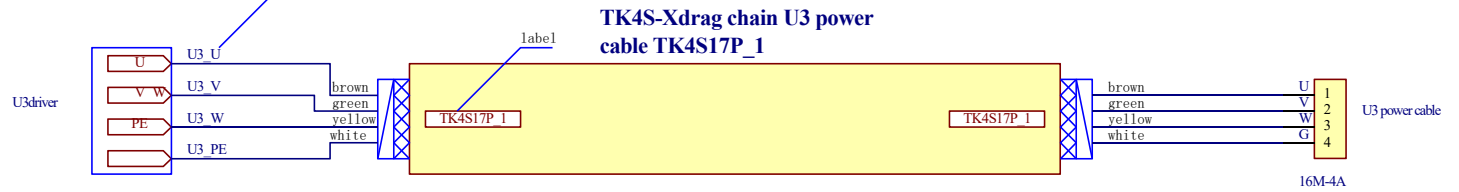
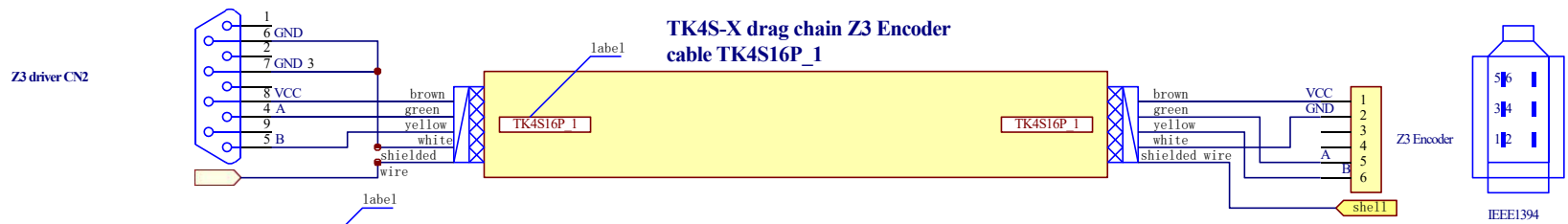
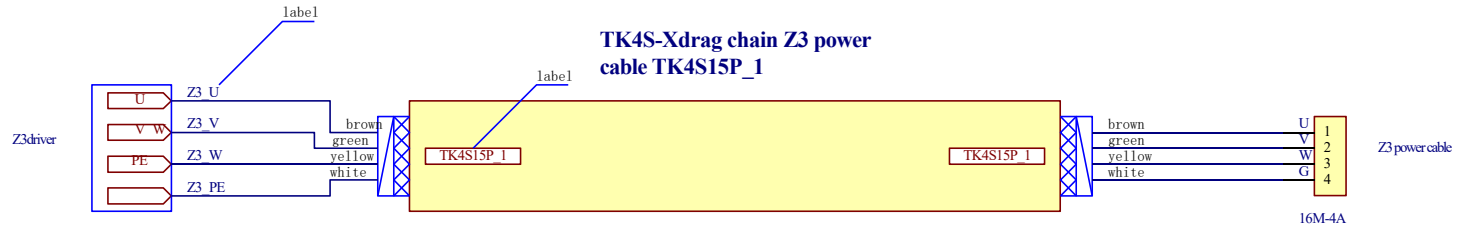
**TK4S-Ydrag chain U2 Encoder cable TK4S14P\_2**

cable type: CF881.02.04, cable length=team length+1.6m:

**TK4S-circuit diagram of cutting head Y cable V1.0.1**



# X drag chain parts



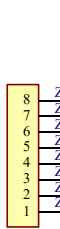
cable type: CF881.02.04; cable length = machine length +0.34m, 1.5m machine length: 2.7m;

## TK4S-circuit diagram of cutting head3 X cableV1.0.1



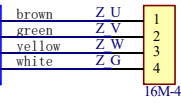
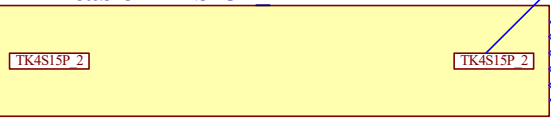
# Y drag chain parts

BK3\_B board J14



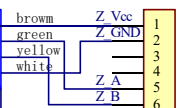
0.5mm pin

mark

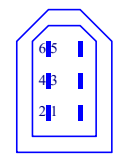


Z3 power interface  
16M-4K

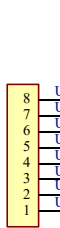
## TK4S-Y drag chain Z3 Encoder cable TK4S16P\_2



Z3 Encoder interface

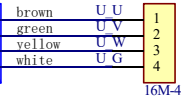


## TK4S-Ydrag chain U3 power cable TK4S17P\_2



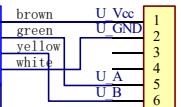
0.5mm pin

label

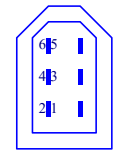


U3 power interface  
16M-4K

## TK4S-Y drag chain U3 Encoder cable TK4S18P\_2



U3 encoder interface

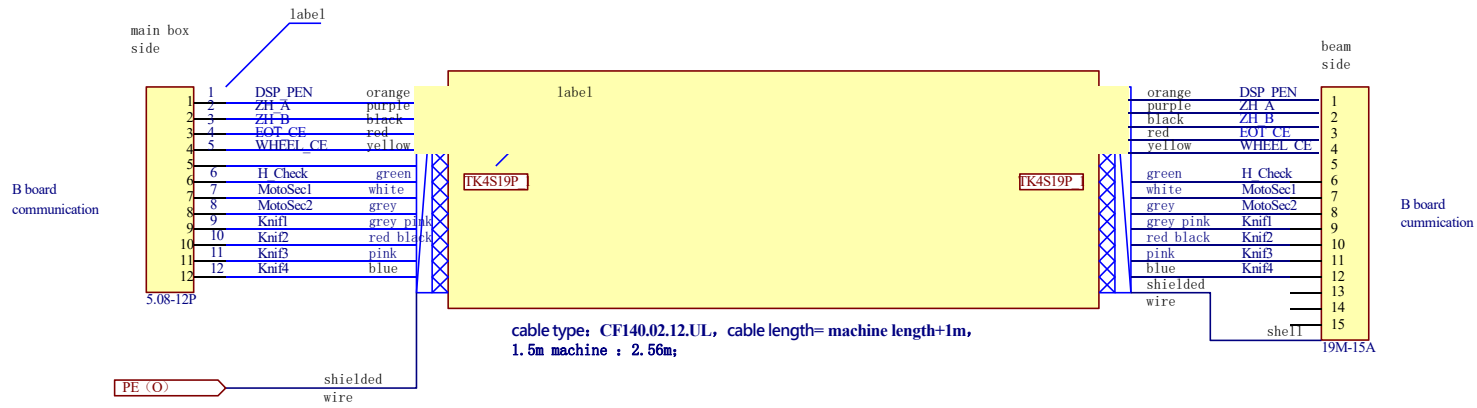


cable type: CF881.02.04, cable length=beam length +1.6m;

## TK4S-dircuit diagram of cutting head3 Y cable V1.0.1

# X drag chain parts

## TK4S-Xdrag chain B board communication cable TK4S19P\_1

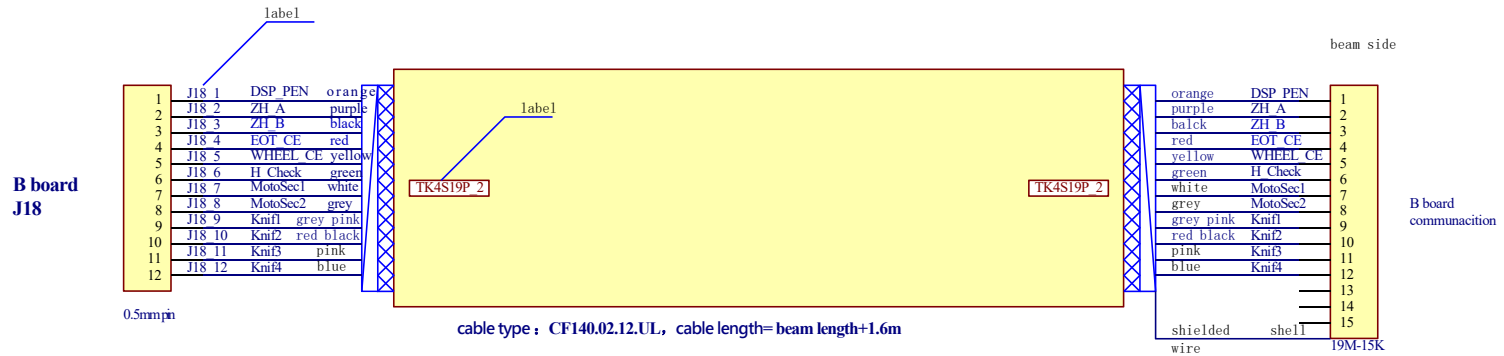


cable type: CF140.02.12.U.L, cable length= machine length+1m,  
1.5m machine : 2.56m;

### TK4S-circuit diagram of B board communication X cable V1.0.1

**Y drag chain parts**

**TK4S-B board Y drag chain communication cable TK4S19P\_2**



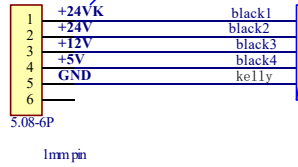
**TK4S-circuit diagram of B board communication Y cable V1.0.1**

**X drag chain parts**

**TK4S-Xdrag chain Bboard  
power cable TK4S20P\_1**

main box side

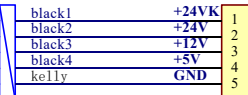
**B board power**



cable type: CF130.10.05.UL (5\*1) , cable length = machine length  
+0.84m, 1.5m machine: 2.4m;

beam side

**B board cable**

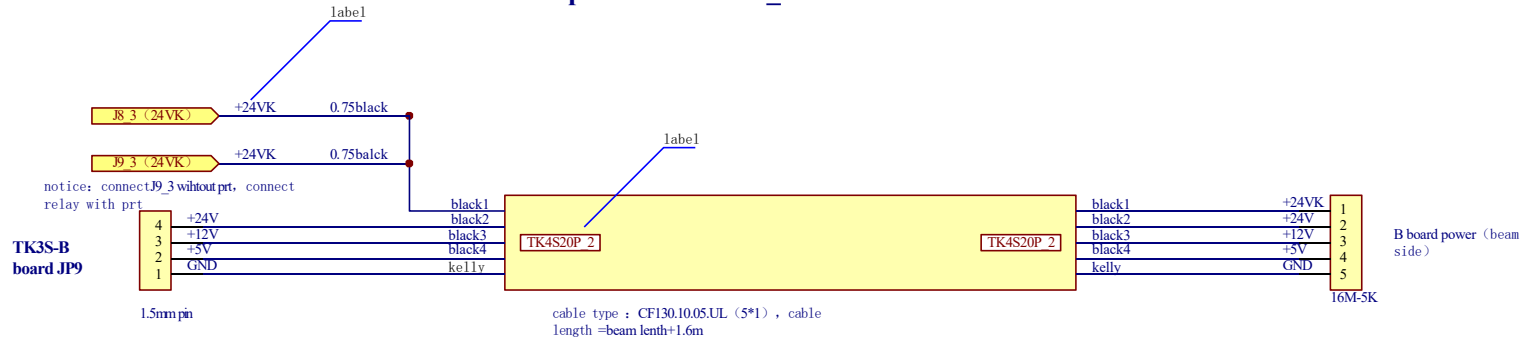


**16M-5A**

**TK4S-circuit diagram of B board  
power x cable V1.0.1**

**Y drag chain parts**

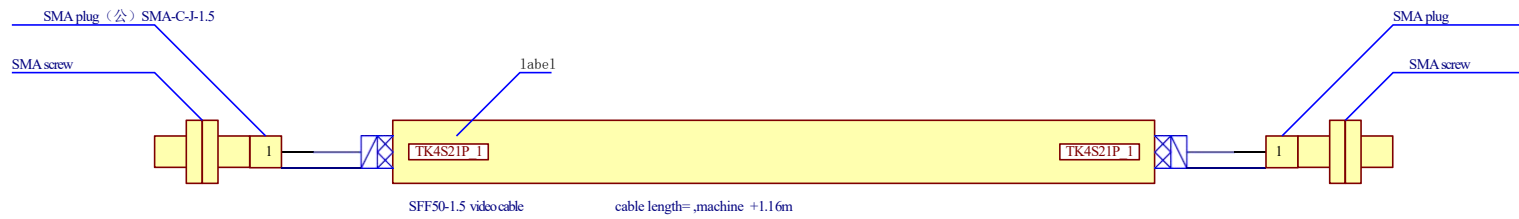
**TK4S-Ydrag chain B board power TK4S20P\_2**



**TK4S-circuit diagram of B board power Y cable V1.0.1**

**CCD camera parts**

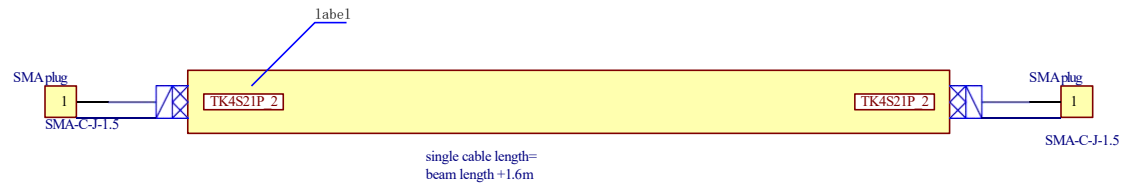
**TK4S-X drag chain video cable  
TK4S21P\_1**



**TK4S-circuit diagram of video  
X cable V1.0.1**

**CCD camera parts**

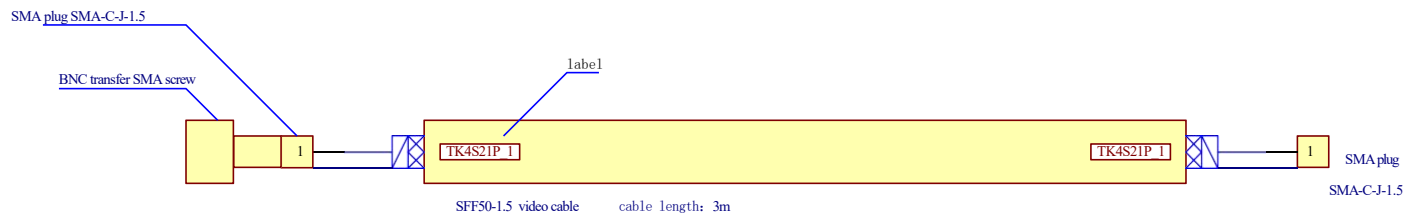
**TK4S-Y video cableTK4S21P\_2**



**TK4S-circuit diagram of Y  
video cable V1.0.1**

**CCD camera parts**

**TK4S-video cable  
TK4S21P\_3**

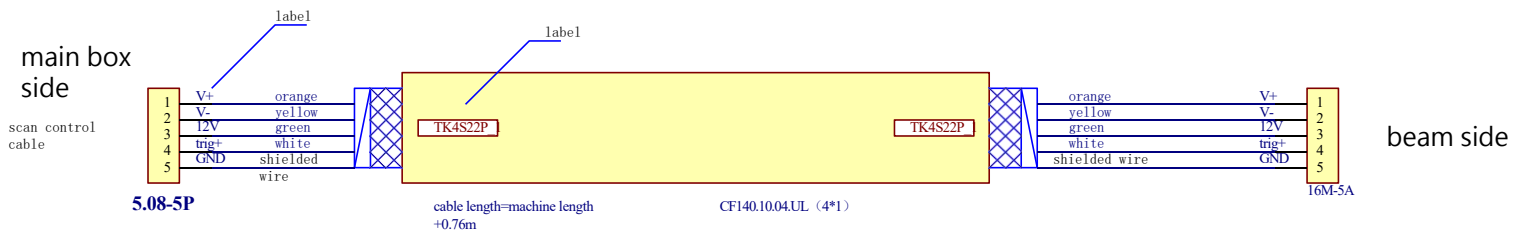


**TK4S-circuit diagram of  
video cable V1.0.1**



**X drag chain  
scan parts**

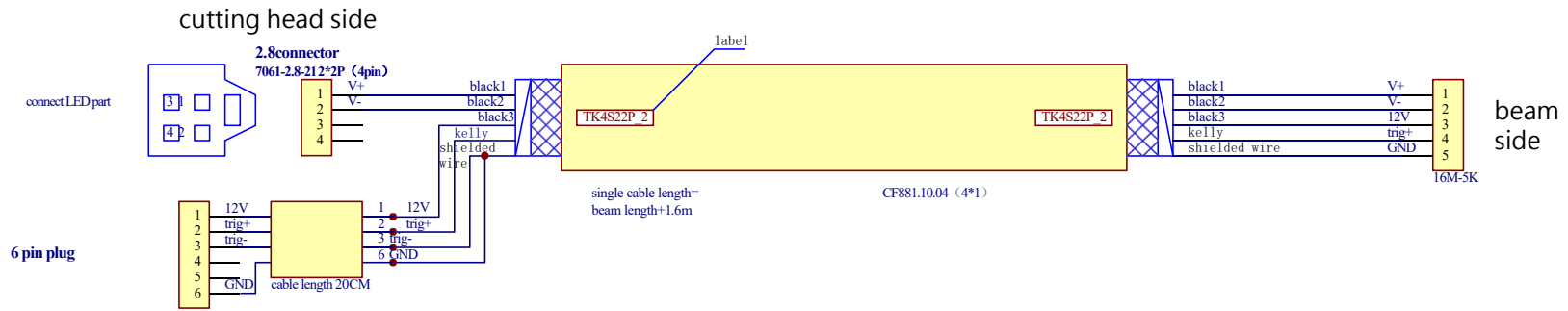
**TK4S-X scan control cable  
TK3S22P\_1**



**TK4S-circuit diagram of X scan  
control cable V1.0.1**

**Ydrag chain parts**

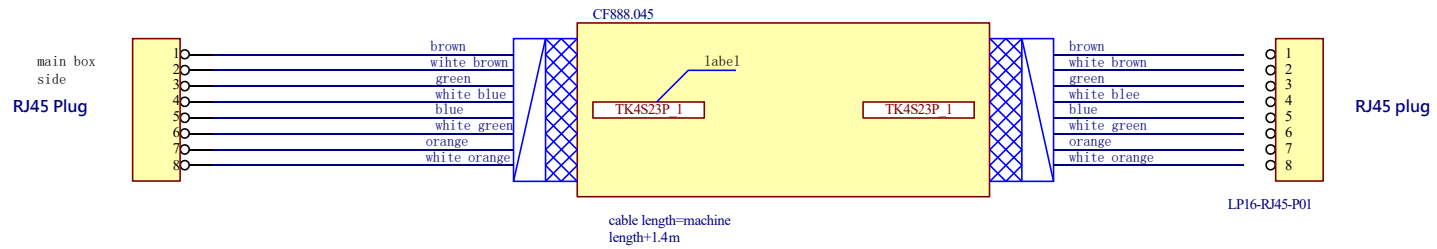
**TK4S-Y scan control cable  
TK4S22P\_2**



**TK4S-circuit diagram of Y scan control cable V1.0.1**

**X drag chain parts**

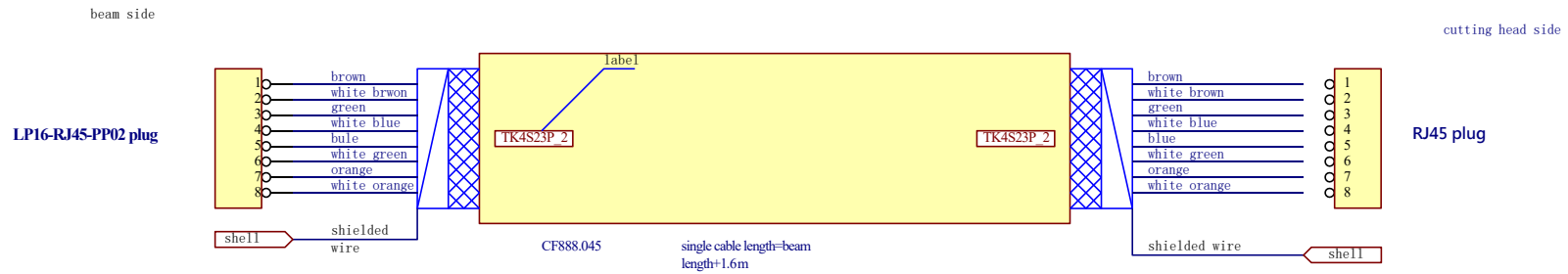
**TK4S-X scan communication cable TK4S23P\_1**



**TK4S-circuit diagram of X scan communication cable V1.0.1**

**Ydrag chain parts**

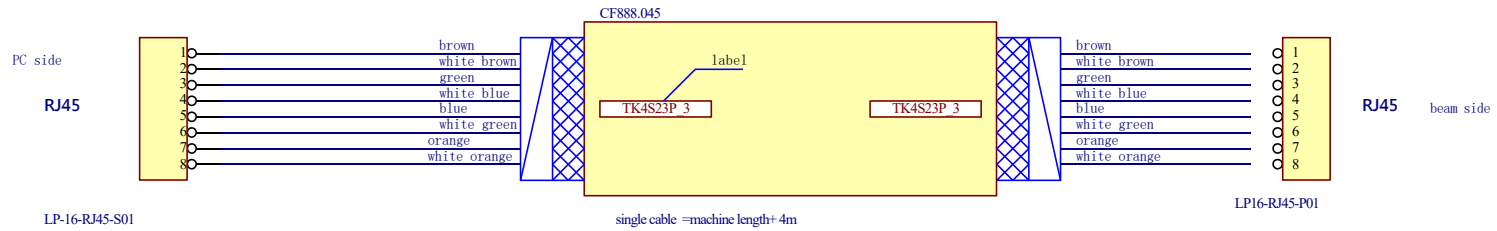
**TK4S-Y scan communication cable TK4S23P\_2**



**TK4S-circuit diagram of Y scan communication cable V1.0.1**

machine cable parts

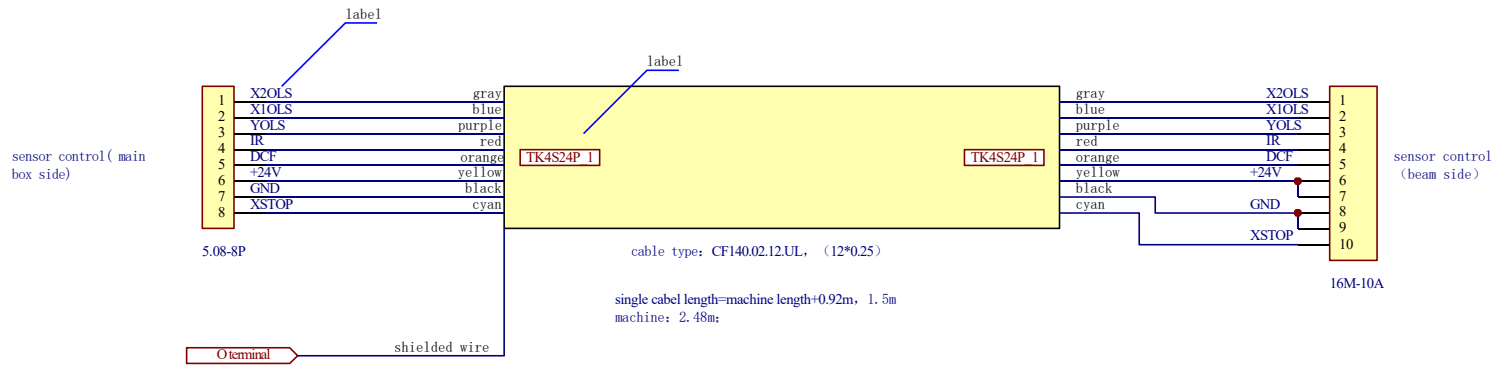
### TK4S-scan communication cable TK4S23P\_3



TK4S-circuit diagram of scan communication cable V1.0.1

**X drag chain parts**

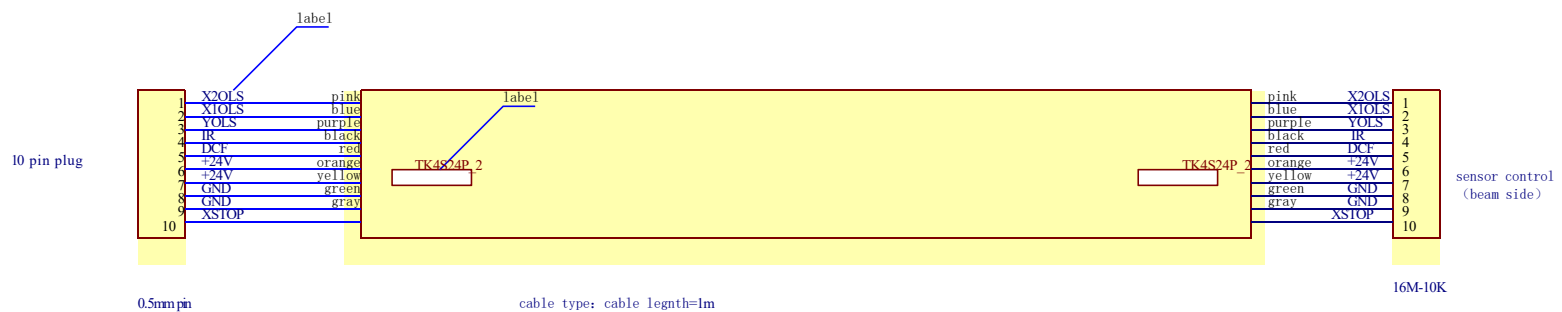
**TK4S-X sensor control cable  
TK4S24P\_1**



**TK4S- circuit diagram of X sensor control cable V1.0.1**

machine  
cable parts

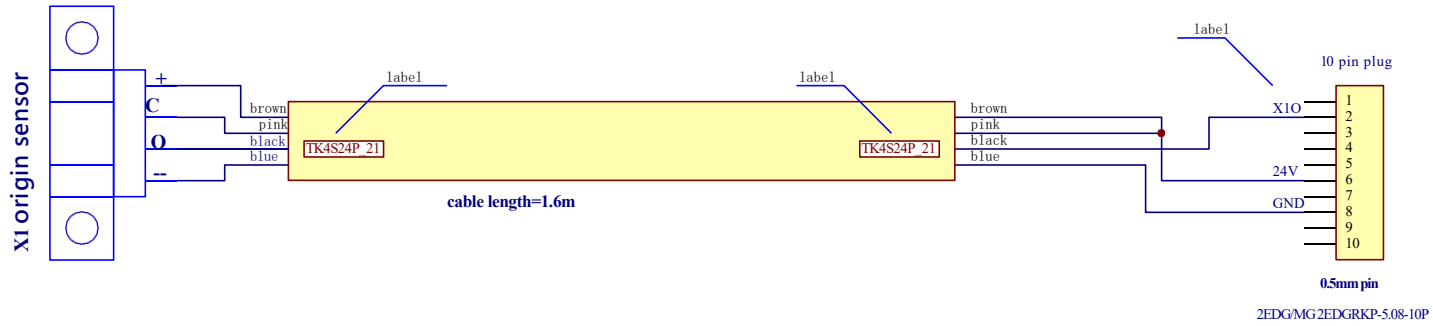
TK4S-Y sensor control cable  
TK4S24P\_2



TK4S-circuit diagram of Y sensor  
control cable V1.0.1

machine cable  
side

**TK4S-X1 origin sensor cable  
TK4S24P\_21**

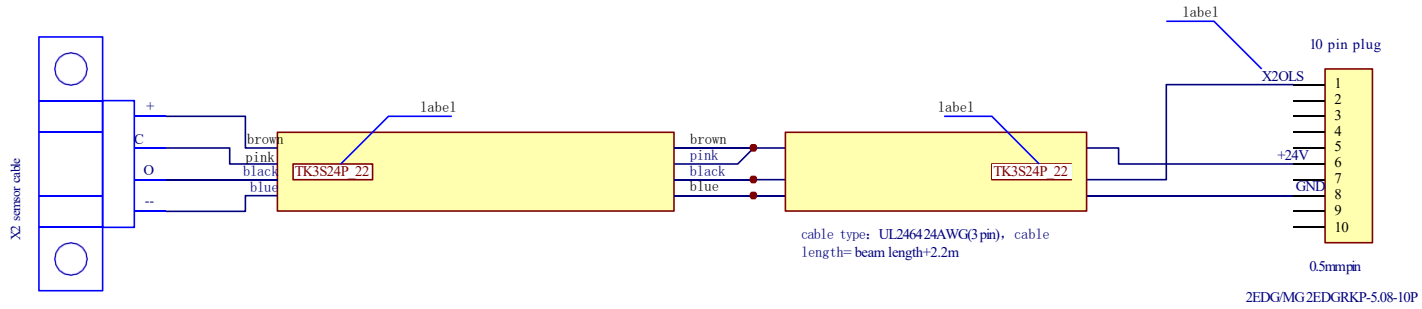


**TK4S-circuit diagram of X1 origin  
sensor cable V1.0.1**



machine cable  
parts

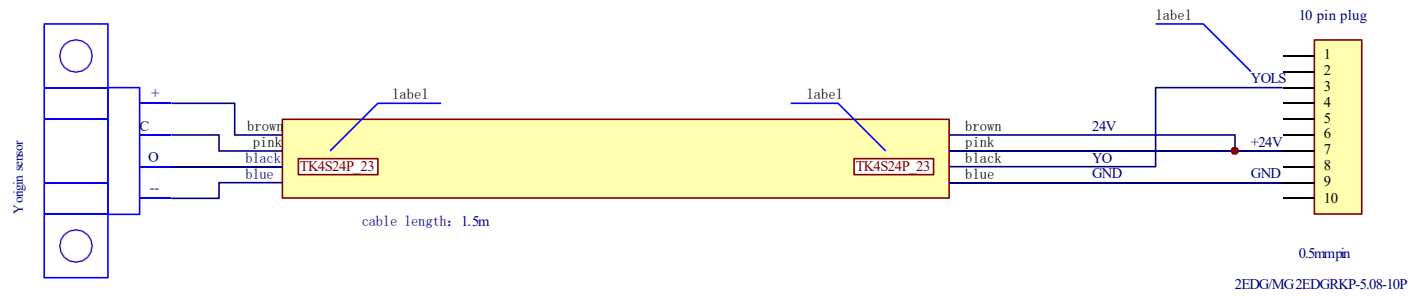
TK4S-X2 origin sensor cable  
TK3S24P\_22



TK4S-circuit diagram of X2 origin  
sensor cable V1.0.1

machine cable parts

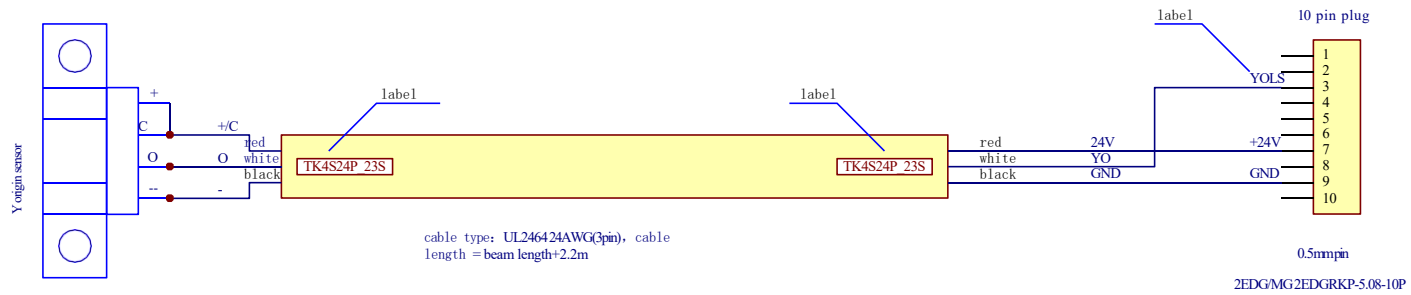
**TK3S-Y origin sensor cable  
TK4S24P\_23**



**TK4S-circuit diagram of Y origin  
sensor cable V1.0.1**

machine cable parts

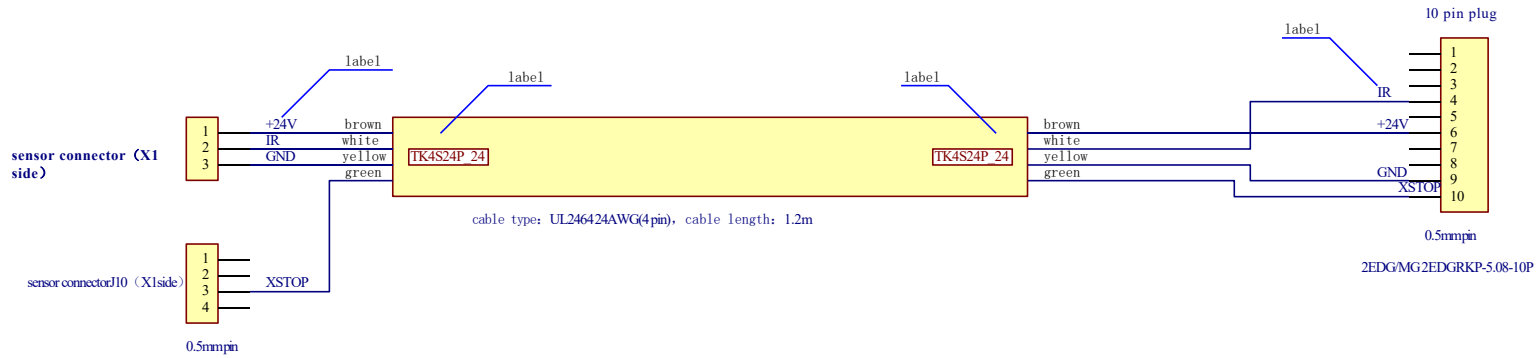
**TK3S-double beam Y origin sensor cableTK4S24P\_23S**



**TK4S- cricuit diagram of double beam Y origin sensor cable V1.0.1**

machine cable parts

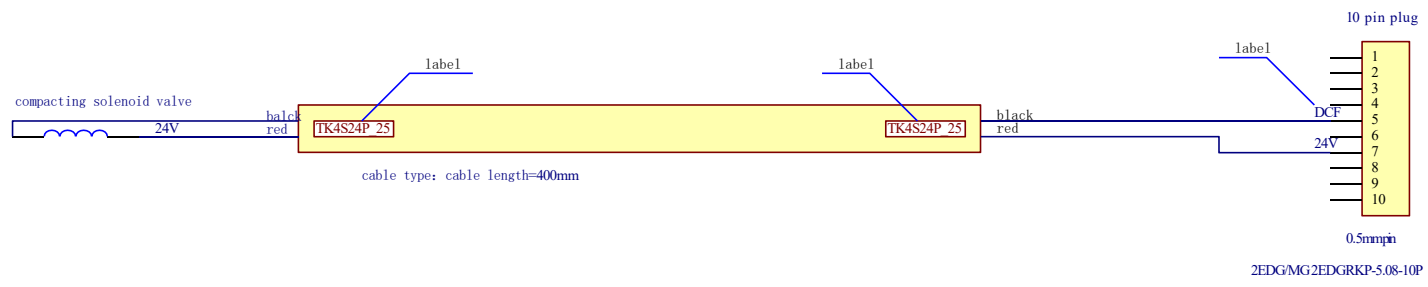
TK4S-safety control cable  
K4S24P\_24



TK4S-circuit diagram of safety control cable V1.0.1

machine cable parts

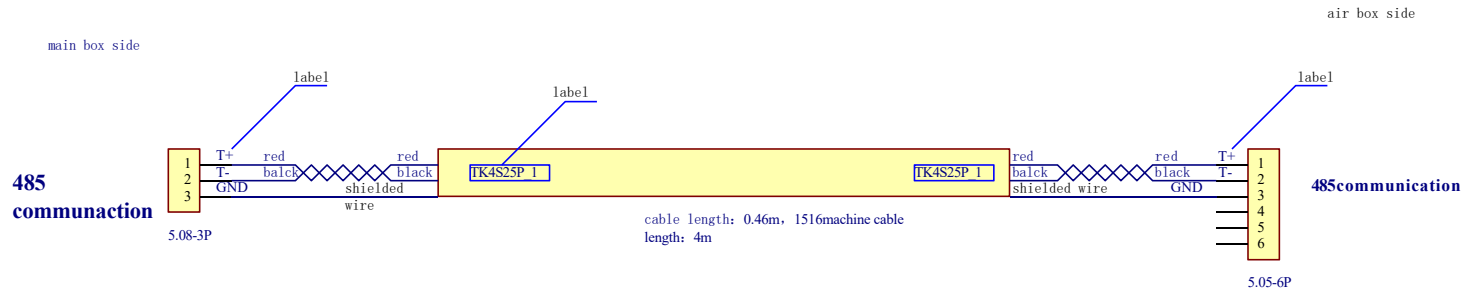
### TK4S-compacting solenoid valve cable TK4S24P\_25



**TK4S-circuit diagram of compacting solenoid valve cable V1.0.1**

air box parts

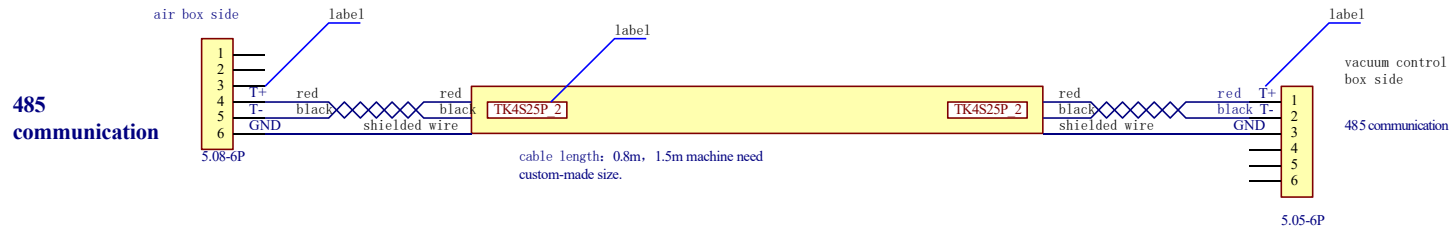
**TK4S-gas area 485  
communication cable TK4S25P\_1**



**TK4S-circuit diagram of gas area  
485 communication cable V1.0.1**

vacuum control box parts

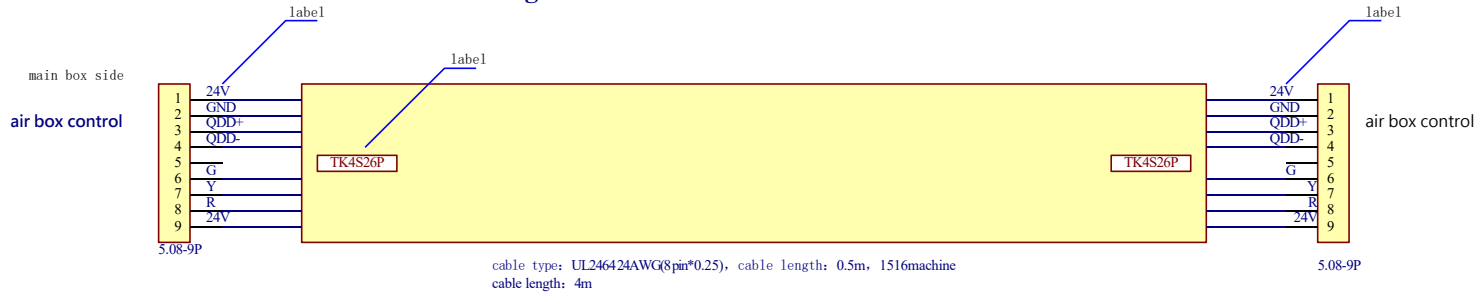
TK4S-vacuum 485 communication cable TK4S25P\_2



TK4S-circuit diagram of vacuum 485 communication cable V1.0.0

air box parts

TK4S-gas area control cable TK4S26P

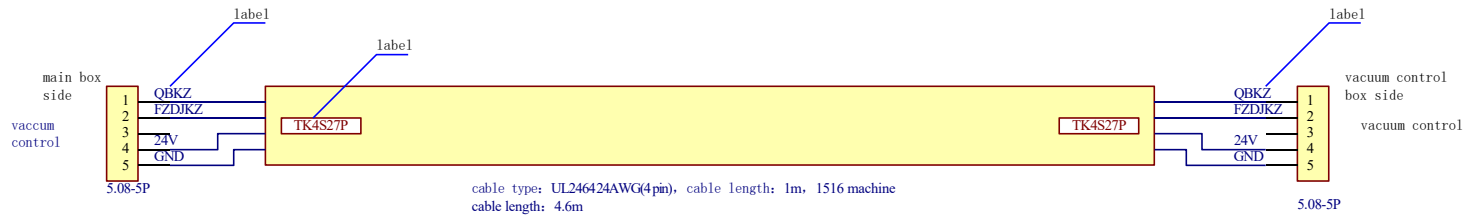


TK4S-circuit diagram of gas area set V1.0.1

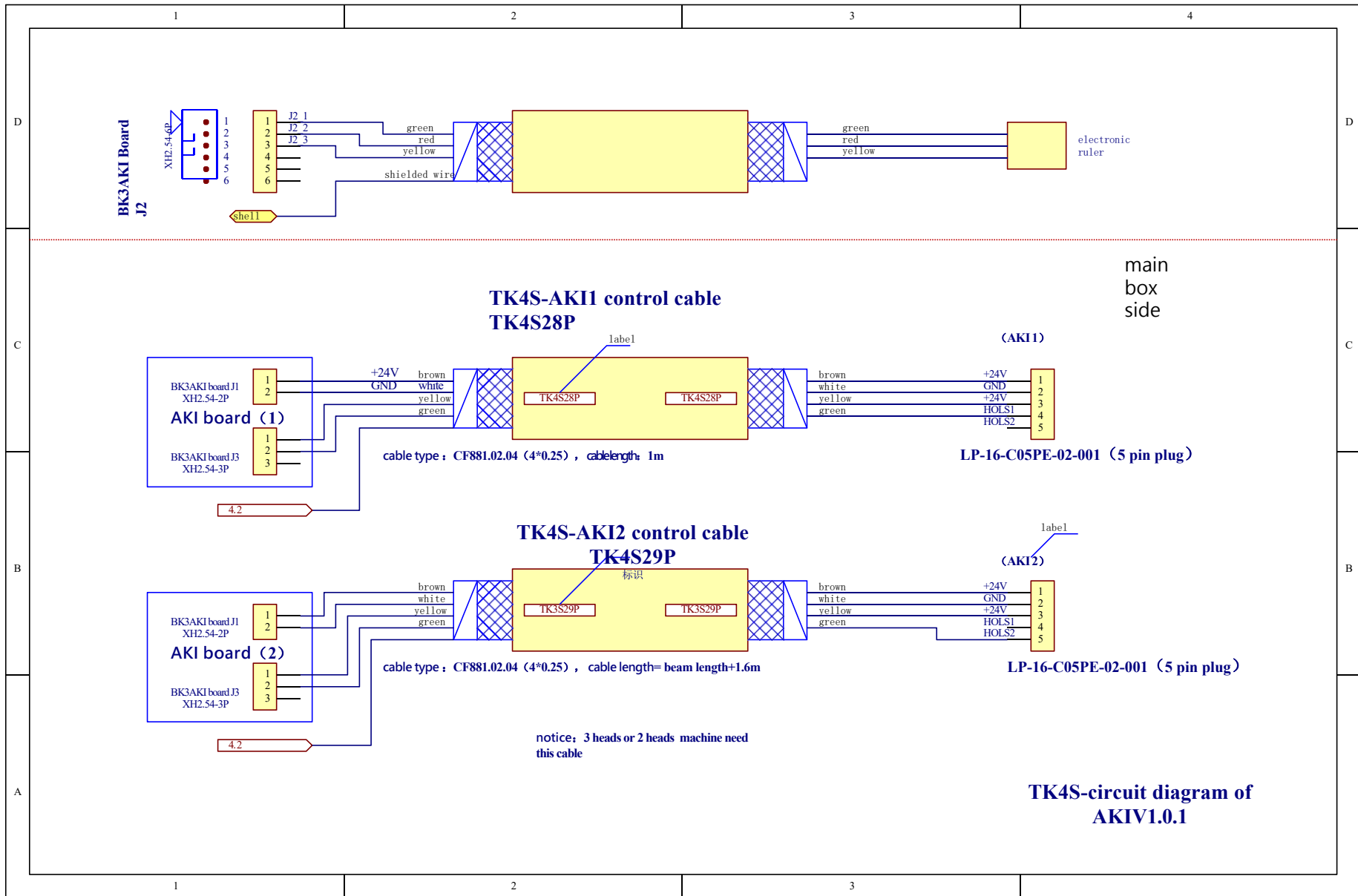


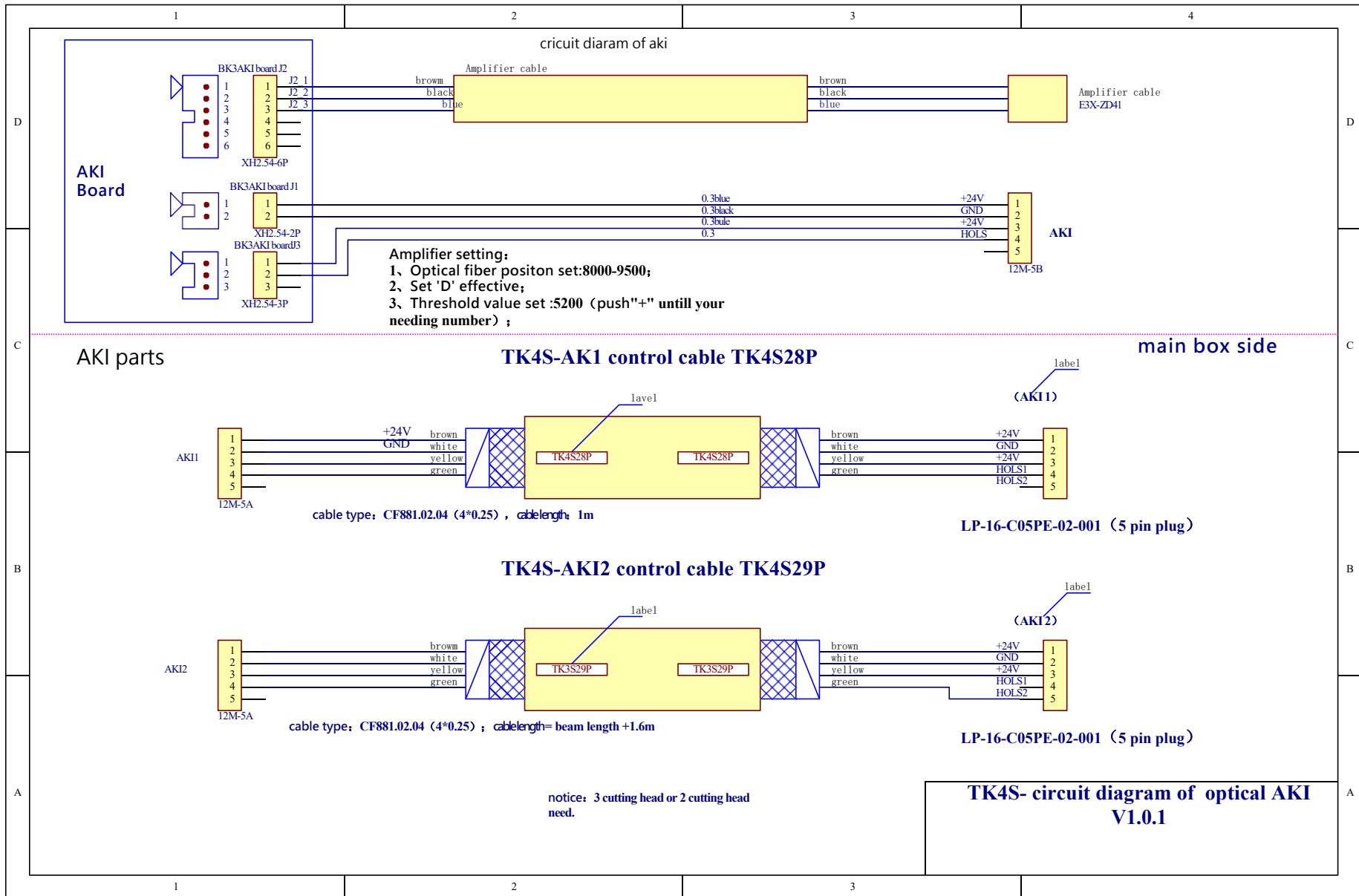
Vacuum control box parts

TK4S-vacuum control cable TK4S27P



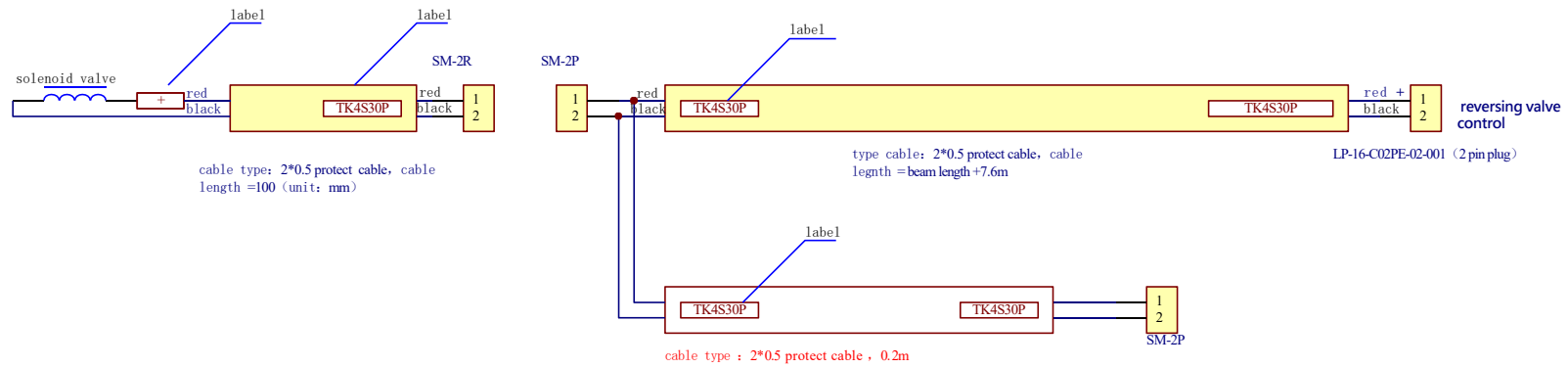
TK4S-circuit diagram of vacuum controlV1.0.1





feeding device parts

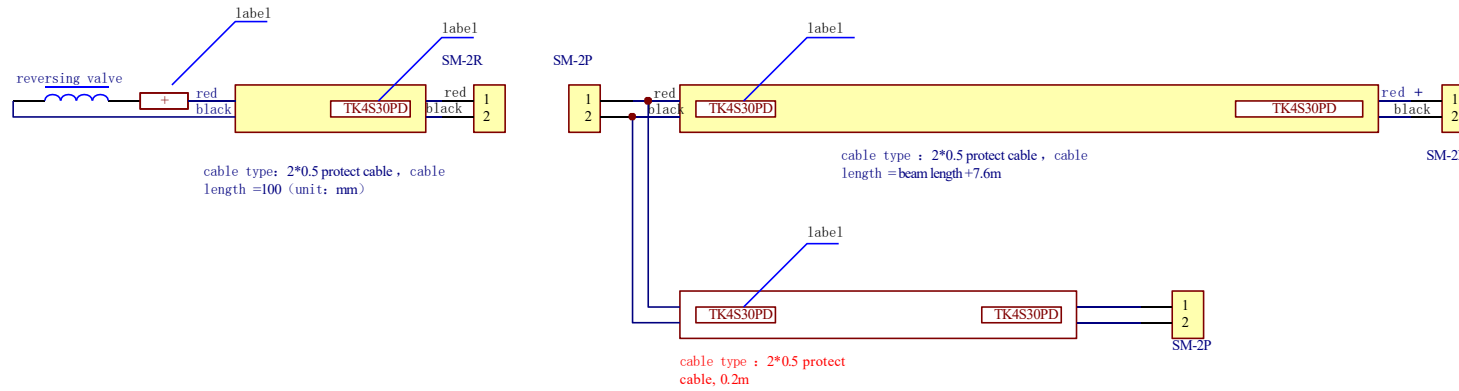
TK4S- reversing valve control cable TK4S30P



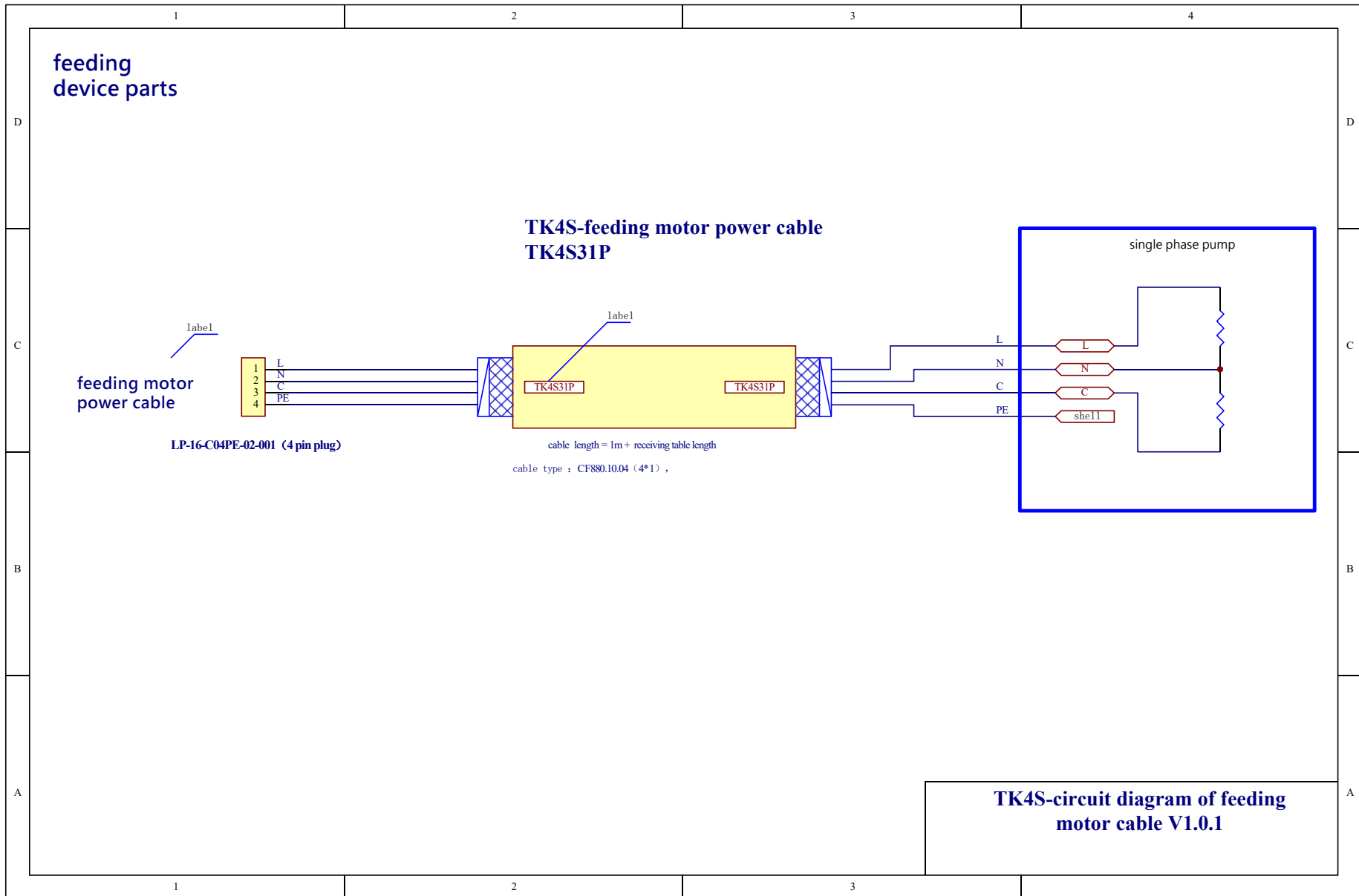
TK4S-circuit diagram of reversing valve control cableV1.0.1

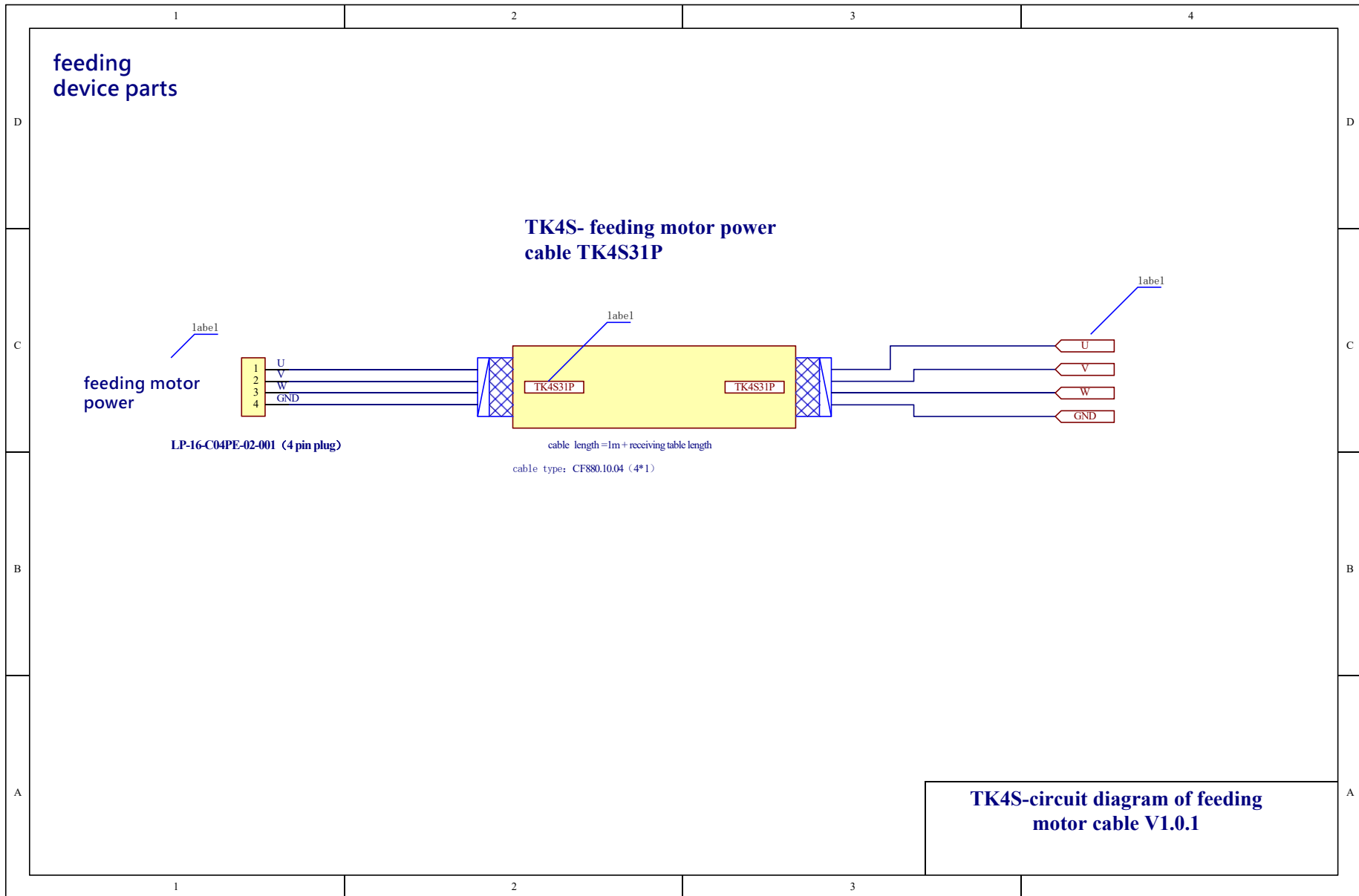
feeding device parts

TK4S- reversing valve2 control cable  
TK4S30PD



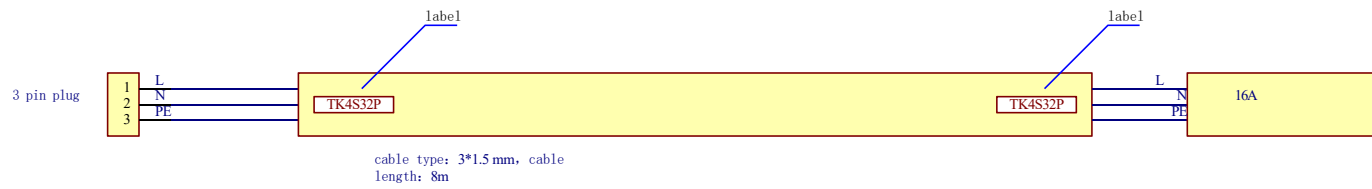
TK4S-circuit diagram of reversing  
valve2 control cable V1.0.1





the parts of automatic or manual change blade mill

**TK4S-cleaner power cable  
TK4S32P**

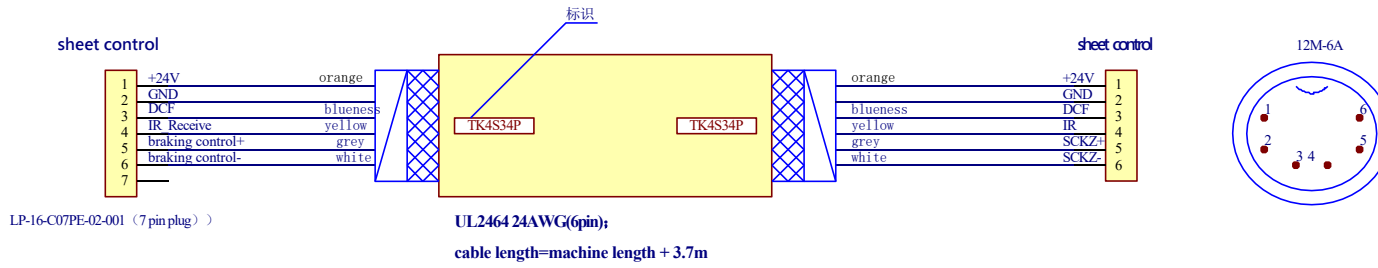


**TK4S-circuit diagram of cleaner 1.0.1**



sheet parts

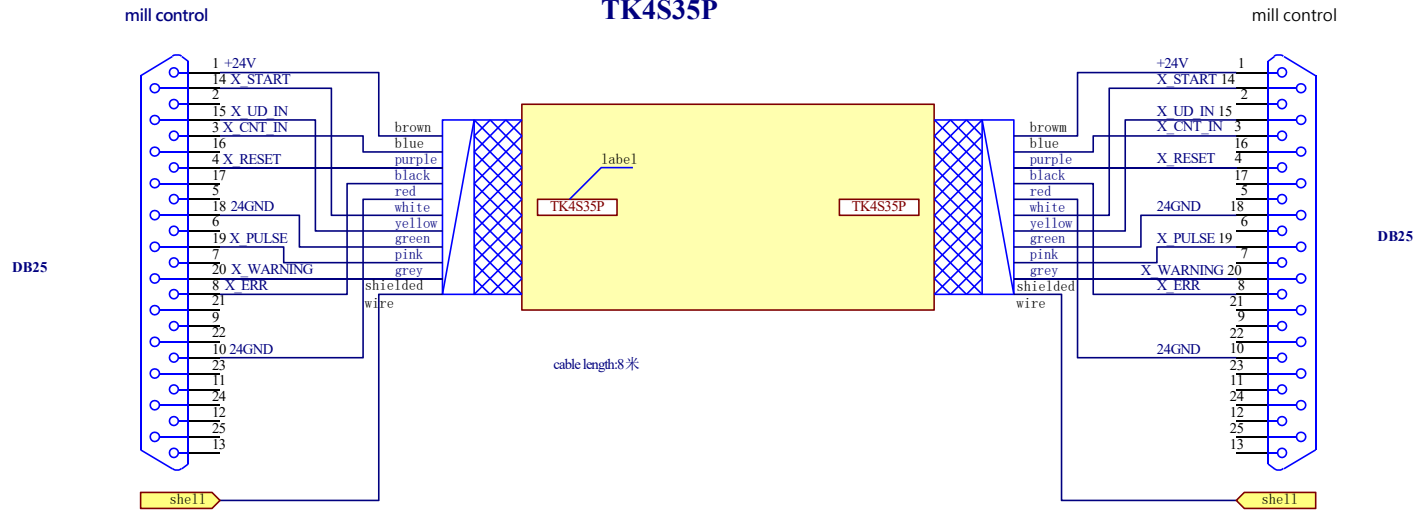
**TK4S- sheet control cable  
TK4S34P**



**TK4S-circuit diagram of sheet control V1.0.1**

# Mill parts

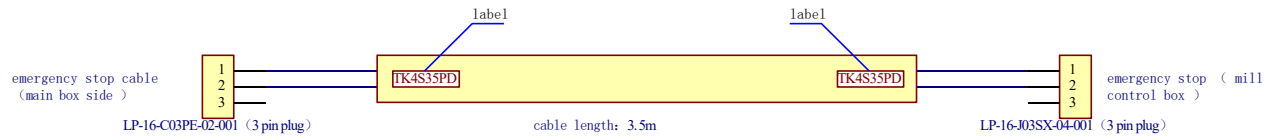
## TK4S-mill control cable TK4S35P



**TK4S-circuit diagram of mill control cable V1.0.1**

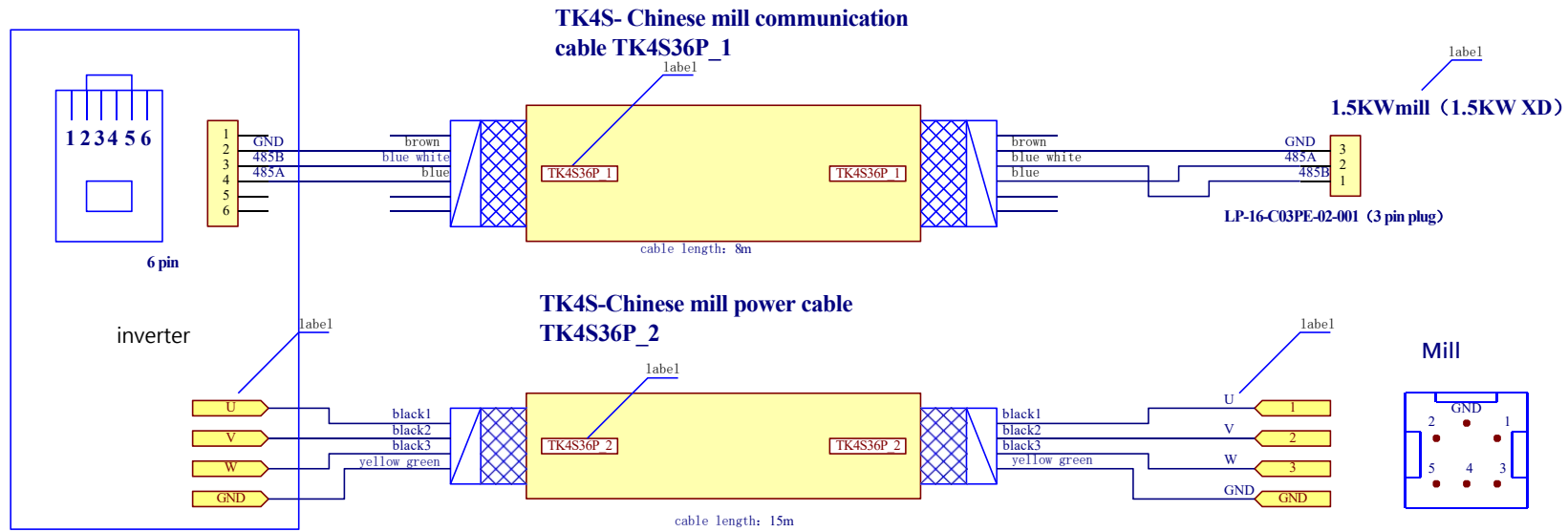
Mill parts (without 350w mill)

TK4S- mill emergency stop cable  
TK4S35PD



TK4S-circuit diagram of mill  
emergency stopV1.0.1

# Chinese mill parts

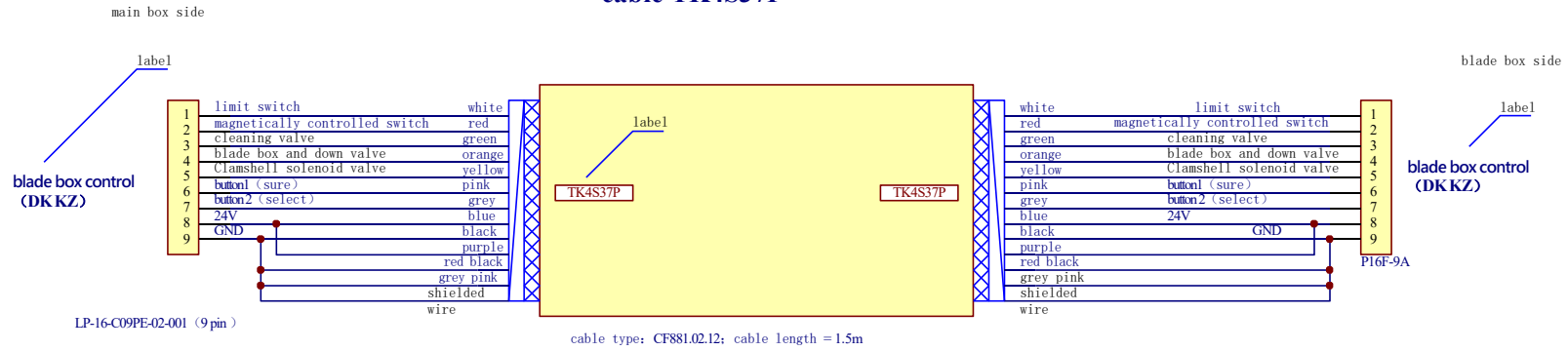


notice:  
 1、When finish installing machien ,cutting head set: DELTAMILLEHEAD  
 2、Mill function need turn on:  
 (1) mill function : (2) mill error: (3) C board

**TK4S-circuit diagram of Chinese mill V1.0.1**

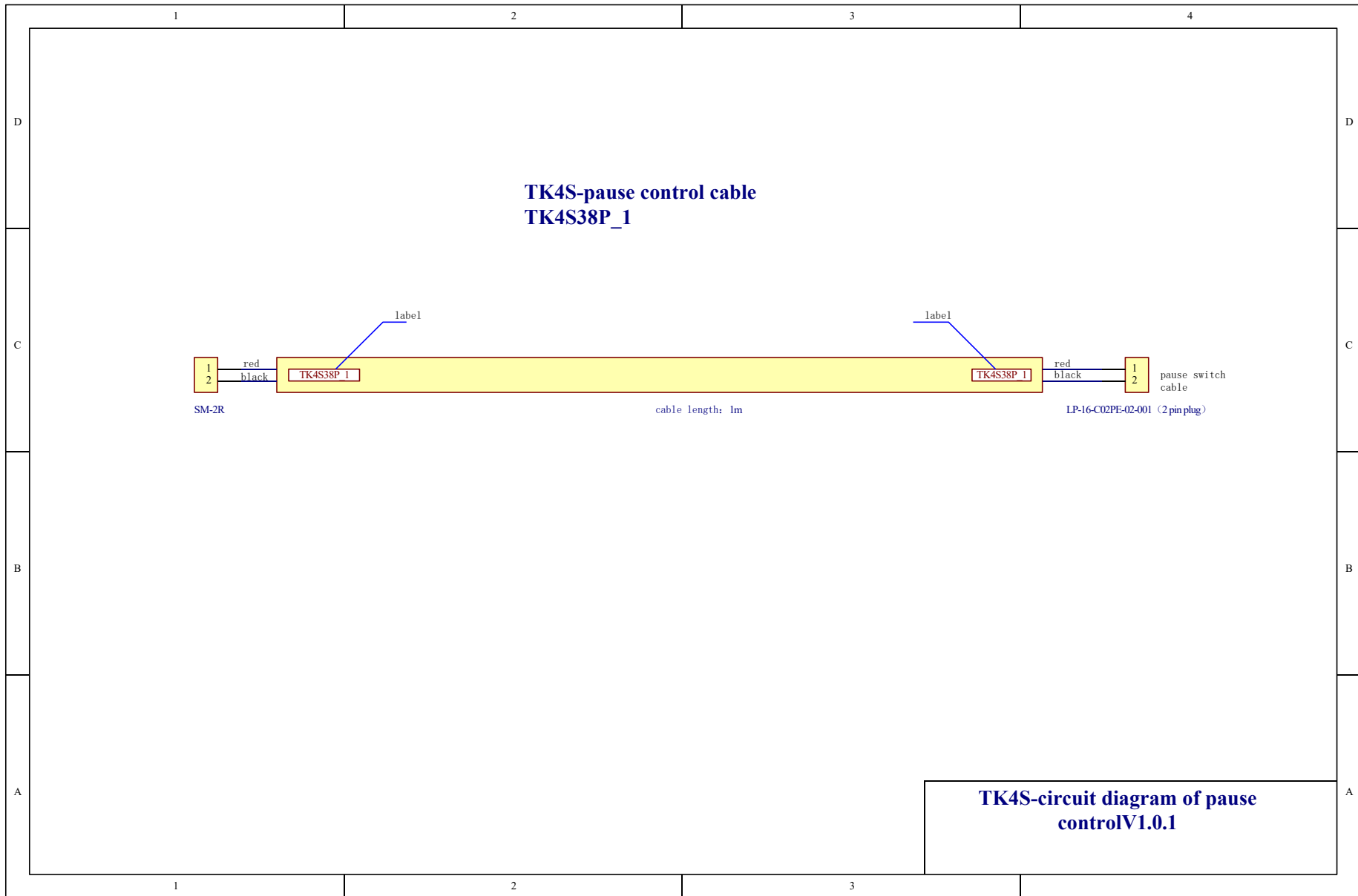
属于自动换刀部件

### TK4S-blade box control cable TK4S37P

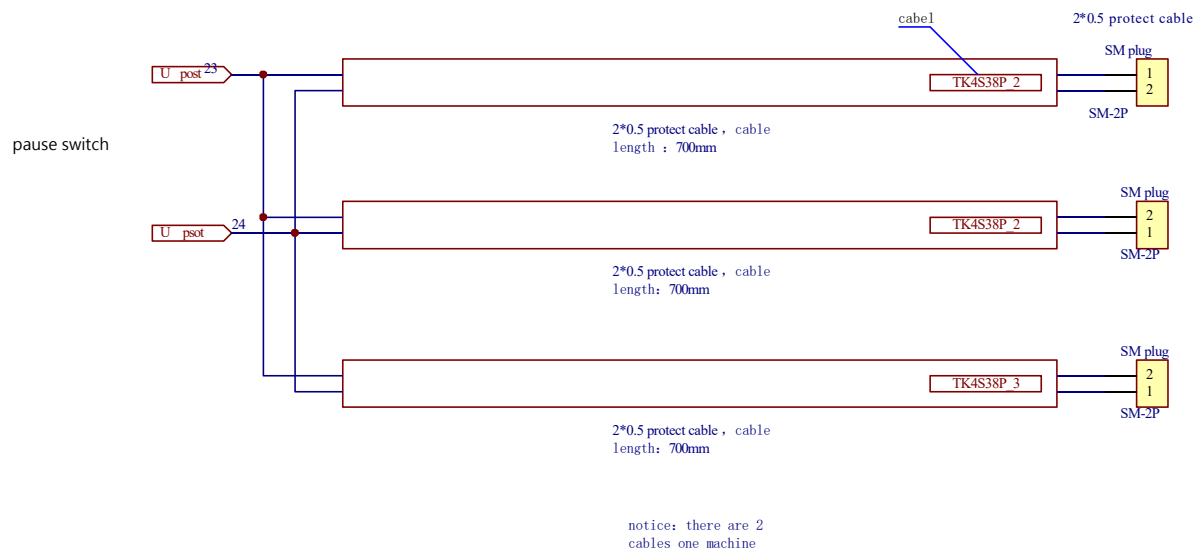


cable type: CF881.02.12; cable length = 1.5m

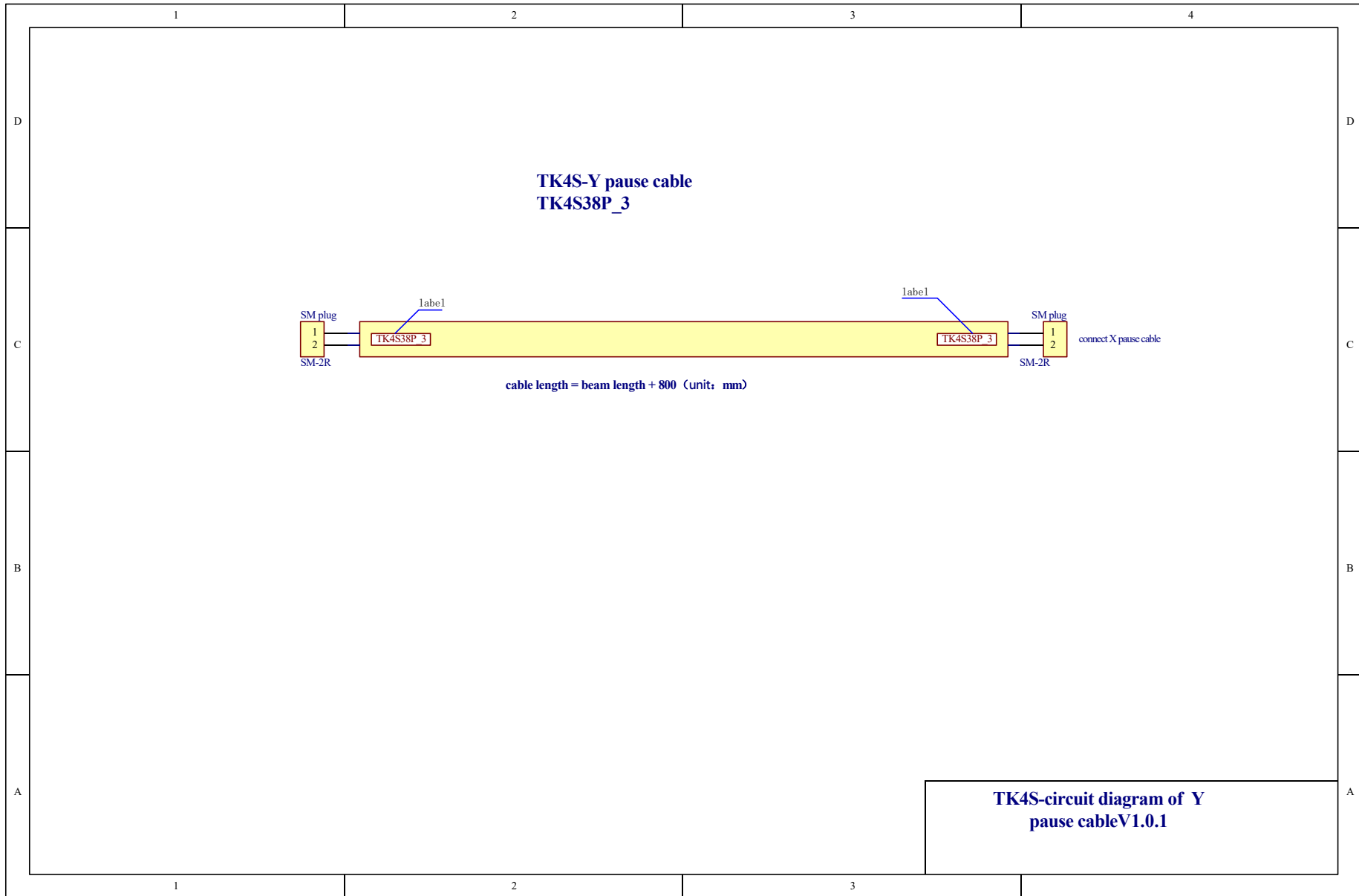
TK4S-circuit diagram of blade box control V1.0.1



TK4S-X向暂停线1 TK4S38P\_2

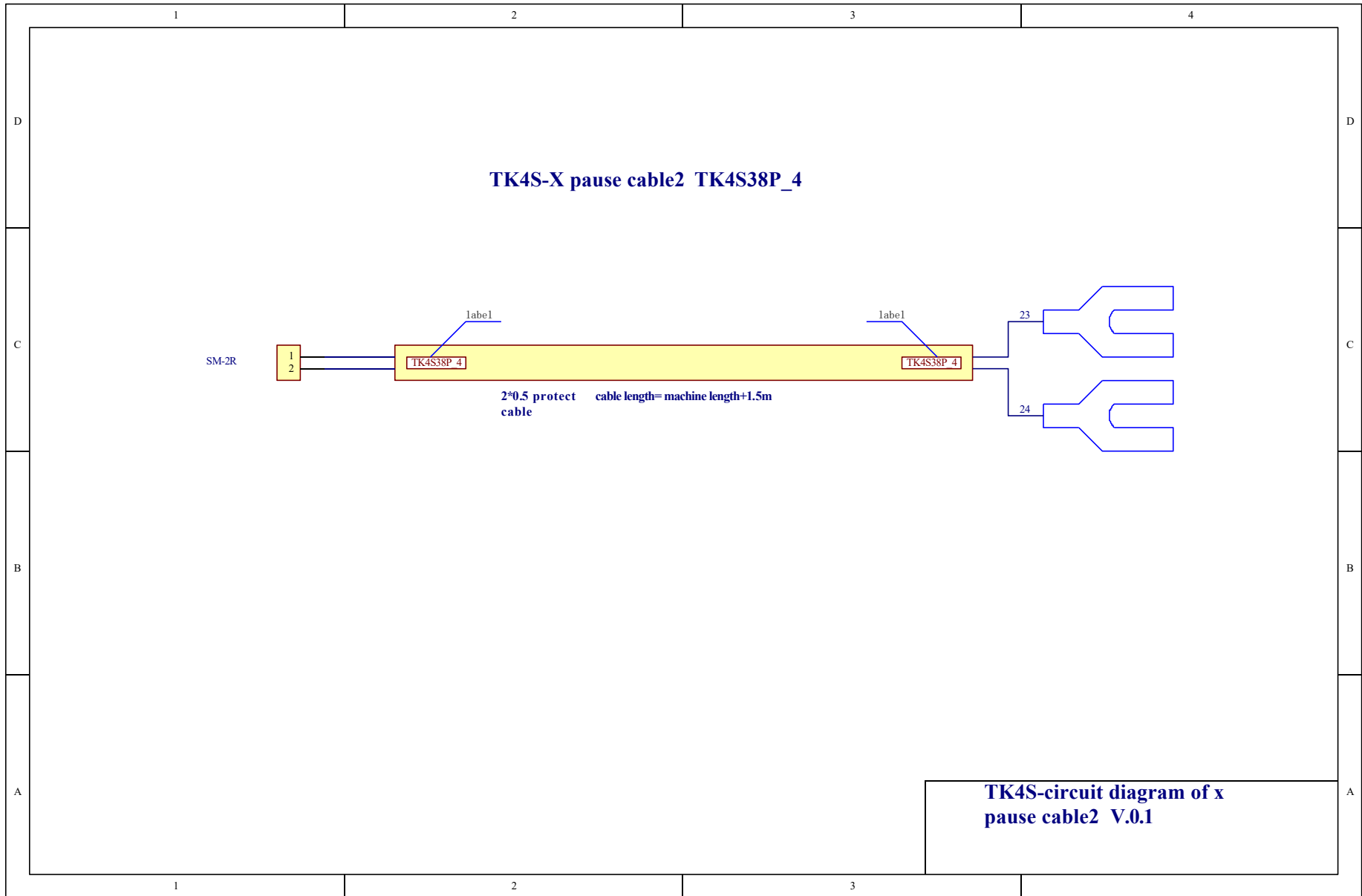


TK4S-circuit diagram of x  
pause cable1 V1.0.1



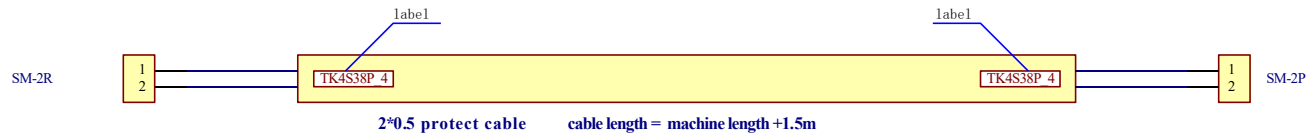
**TK4S-circuit diagram of Y  
pause cableV1.0.1**





receiving  
table parts

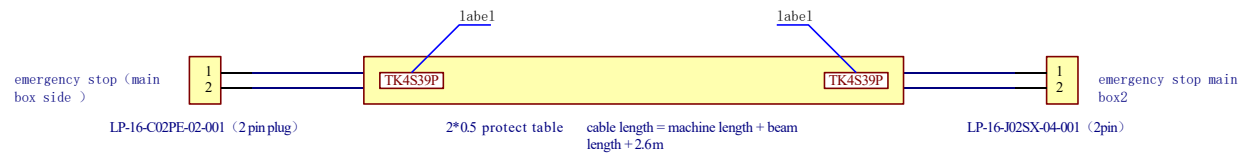
### TK4S- receiving table cable TK4S38P\_5



**TK4S-circuit diagram of  
receiving table cableV1.0.1**

double beam  
machine parts

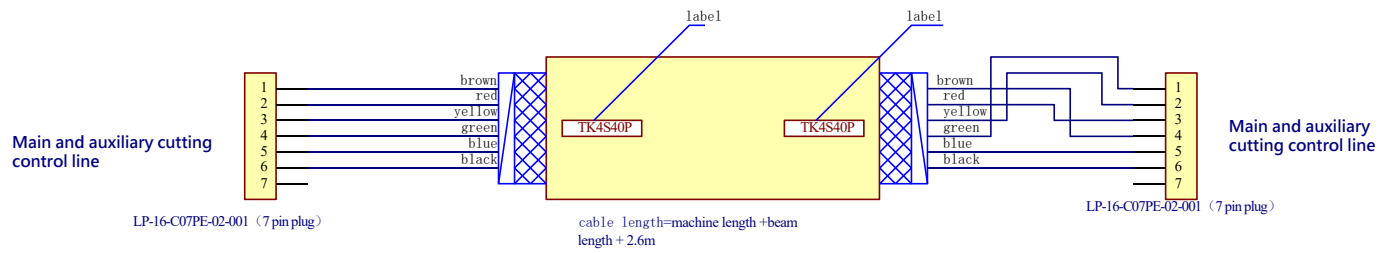
TK4S-emergency stop  
control cable TK4S39P



TK4S-circuit diaram of  
emergency stopV1.0.1

double beam  
machine parts

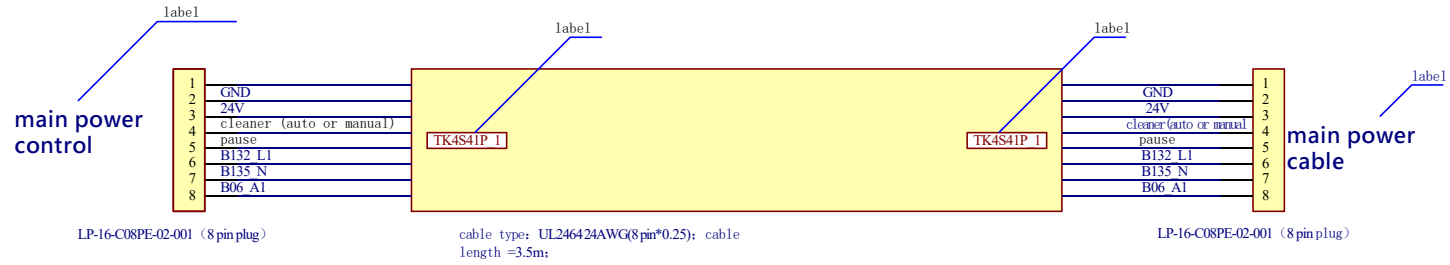
**TK4S-Main and auxiliary  
cutting control cable  
TK4S40P**



**TK4S-circuit diagram of main and  
auxiliary cutting control V1.0.1**

operating  
table parts

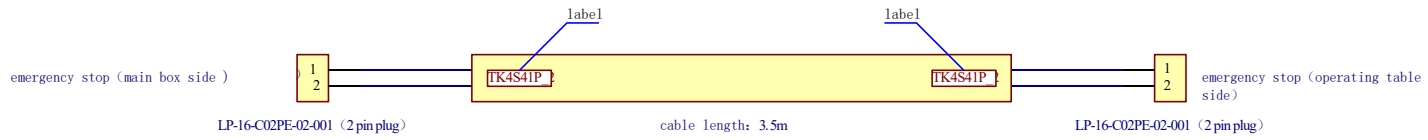
### TK4S-操作台控制线TK4S41P\_1



TK4S-circuit of operating foofr  
control V1.0.1

operating  
table parts

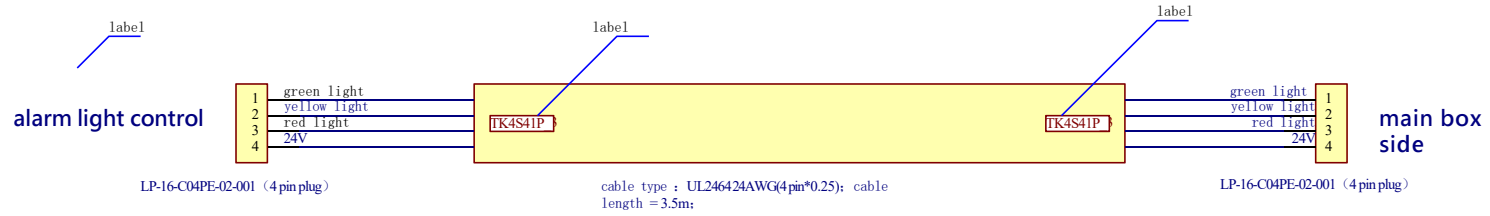
**TK4S-emergency stop control  
cableTK4S41P\_2**



**TK4S-circuit diagram of emergency  
stopV1.0.1**

属于新操作台部件

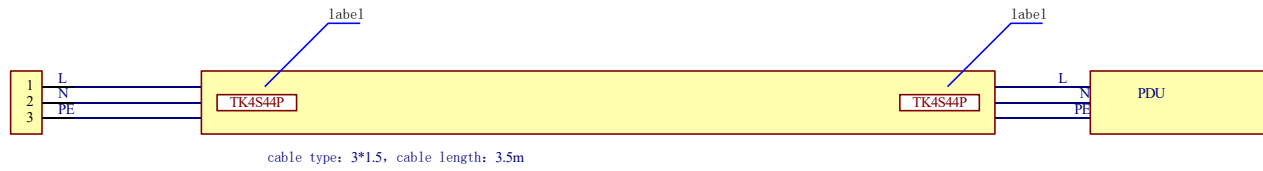
### TK4S-报警灯控制线TK4S41P\_3



**TK4S-circuit diagram of alarm light V1.0.1**

operating table  
parts

**TK4S-operating table power  
cable TK4S44P**

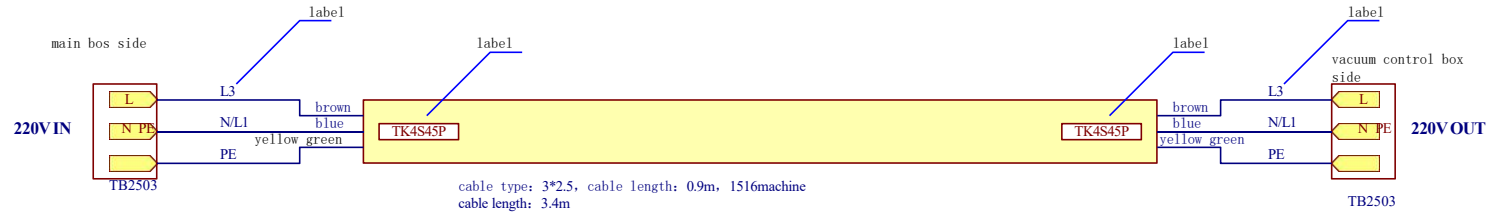


**TK4S- circuit diagram of operating  
floor power cableV1.0.1**



vacuum control box parts

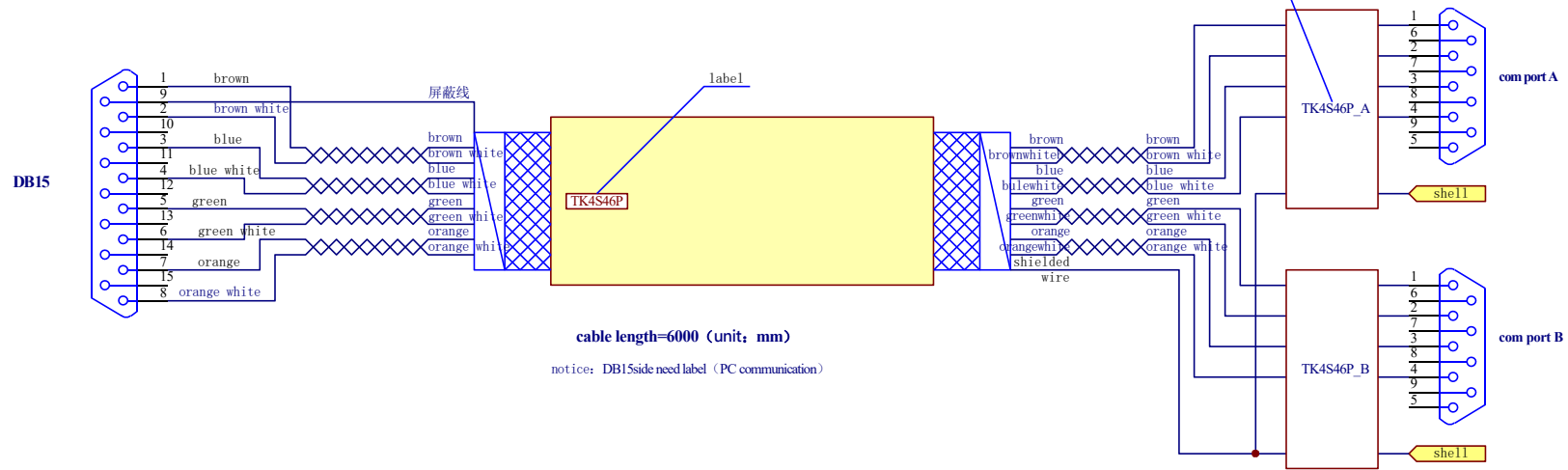
**TK4S-box power cable  
TK4S45P**



**TK4S-circuit diagram of main box  
power cable V1.0.2**

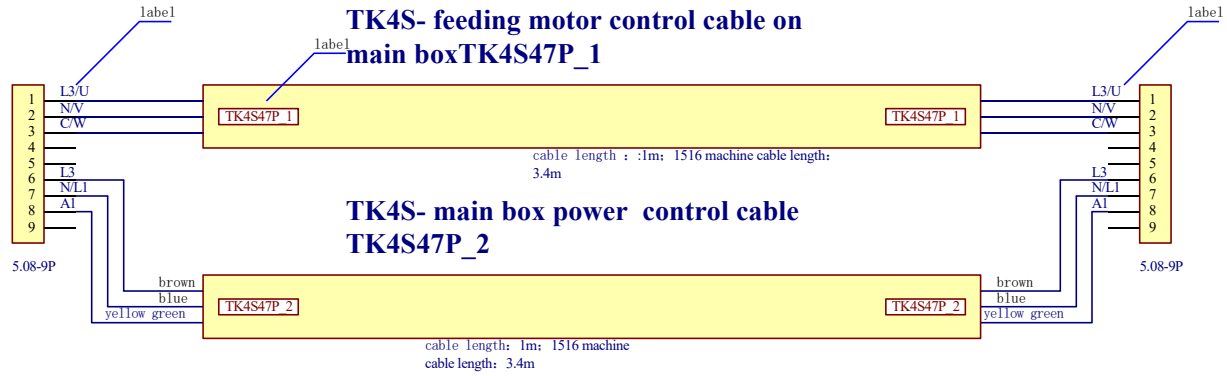
整机电器装配部件

TK4S-communication cable TK4S46P  
(BKL19P)



TK4S-circuit diagram of  
communication cableV1.0.0

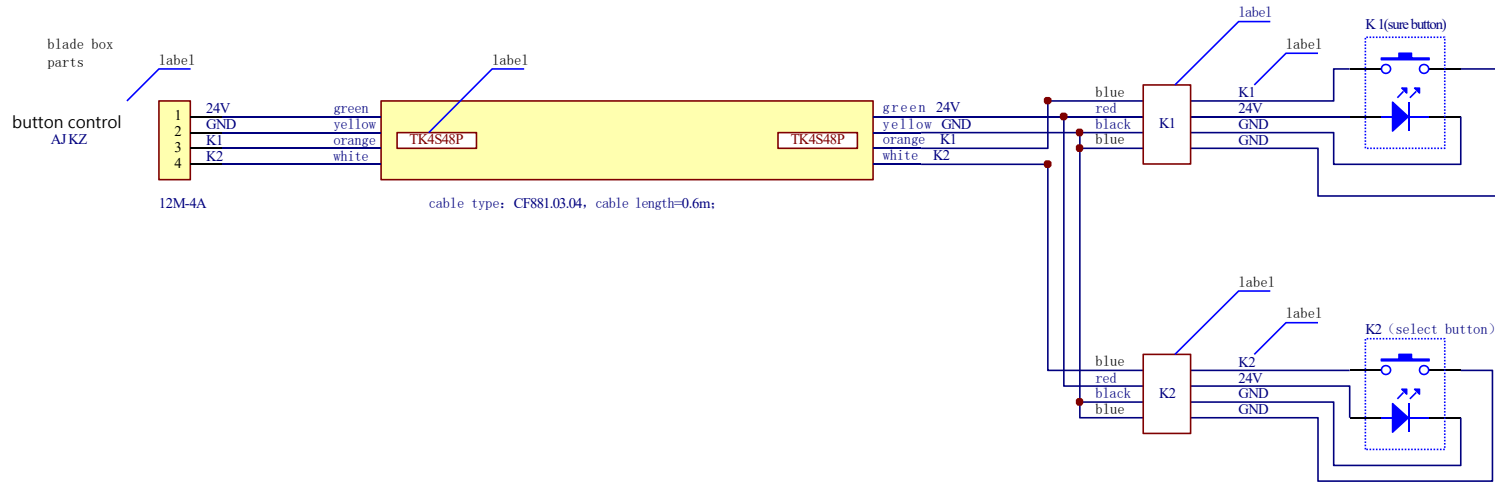
vacuum control box parts



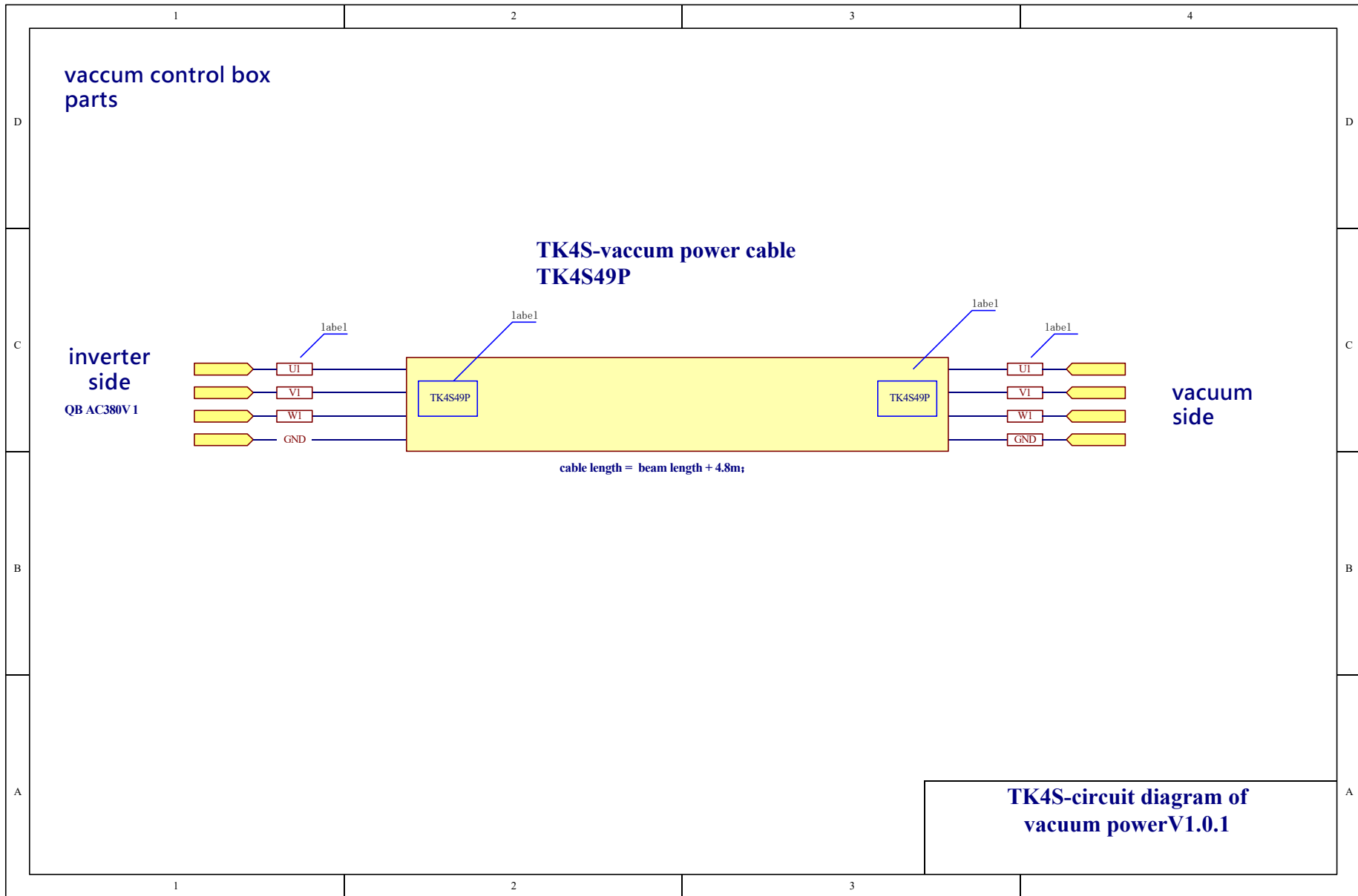
TK4S-circuit diagram of main power and feeding motor power V1.0.2

automatic change  
blade parts

TK4S-button control cable  
TK4S48P



TK4S-circuit diagram of button  
controlV1.0.1



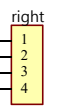
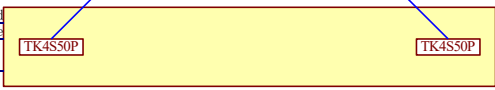
machine cable parts

**TK4S-both side sensor board connect cableTK4S50P**

**BK3-Obstacles board J10**



0.5mm pin



**BK3-Obstacles board J10**

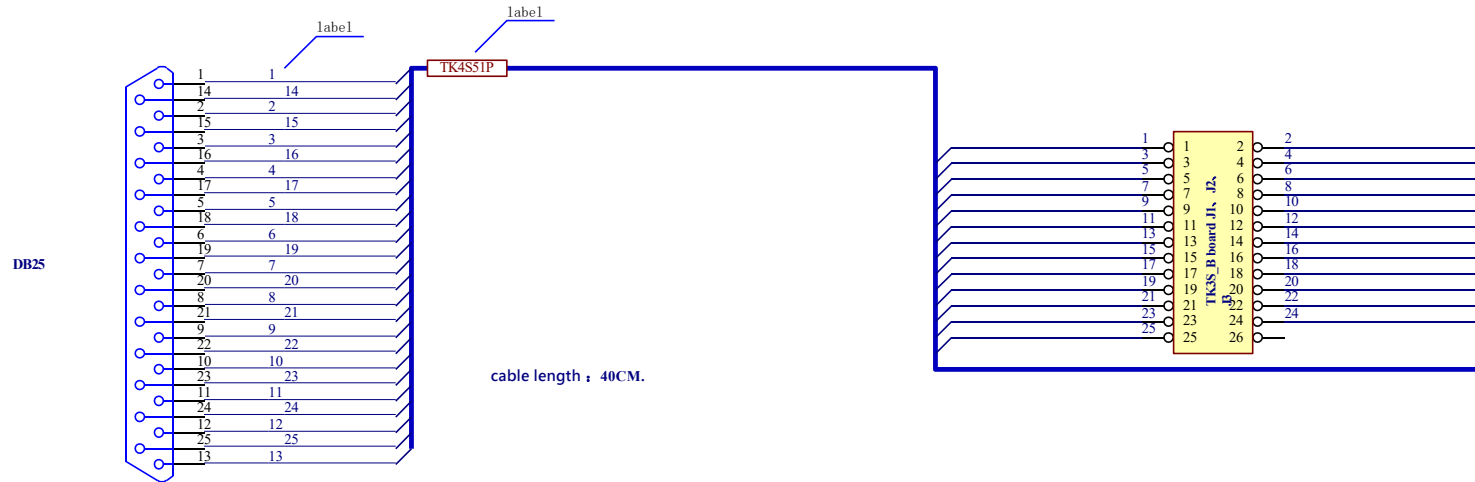
0.5mm pin

cable length = beam length + 1.5m

**TK4S-circuit diagram of both side sensor connection V1.0.1**

machine cable parts

### TK4S cutting head connect cable TK4S51P

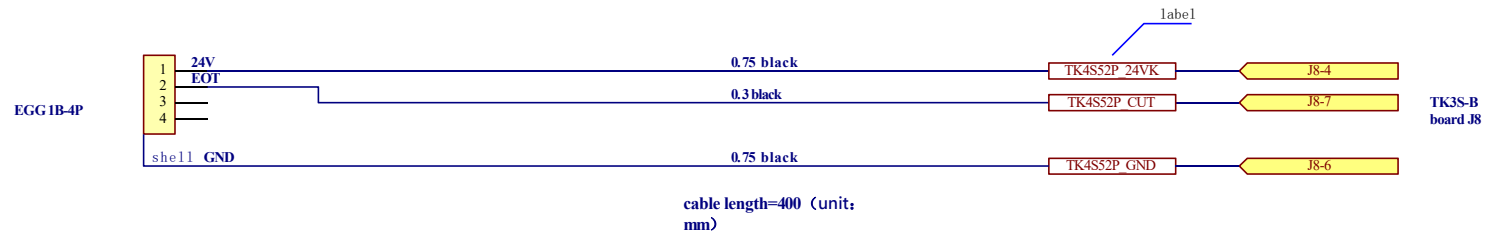


notice: a cable for a head

TK4S- circuit diagram of cutting head connection V1.0.1

属于整机成品线部件

### TK4S EOT control cable TK4S52P

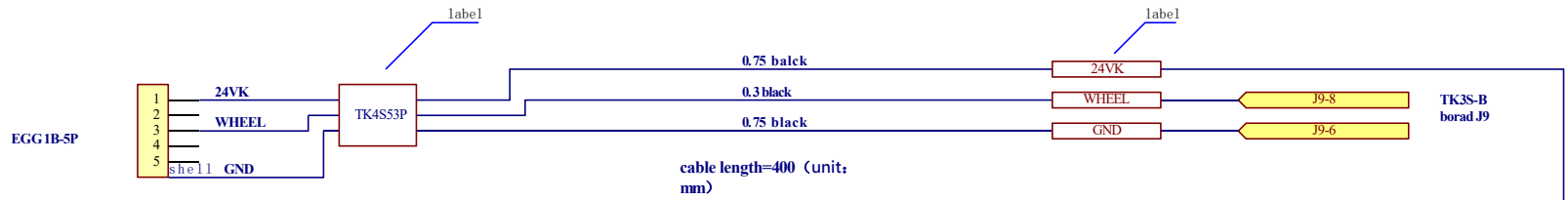


TK4S circuit diagram of EOT  
V1.0.1

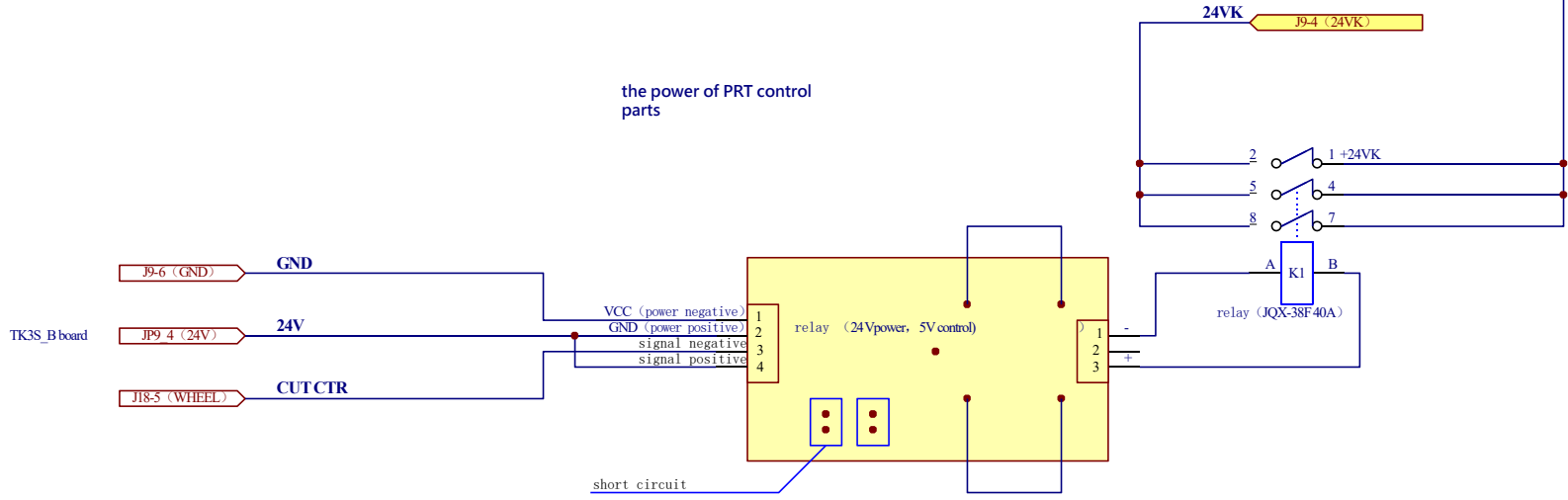


PRT parts

TK4S-PRT control cable TK4S53P



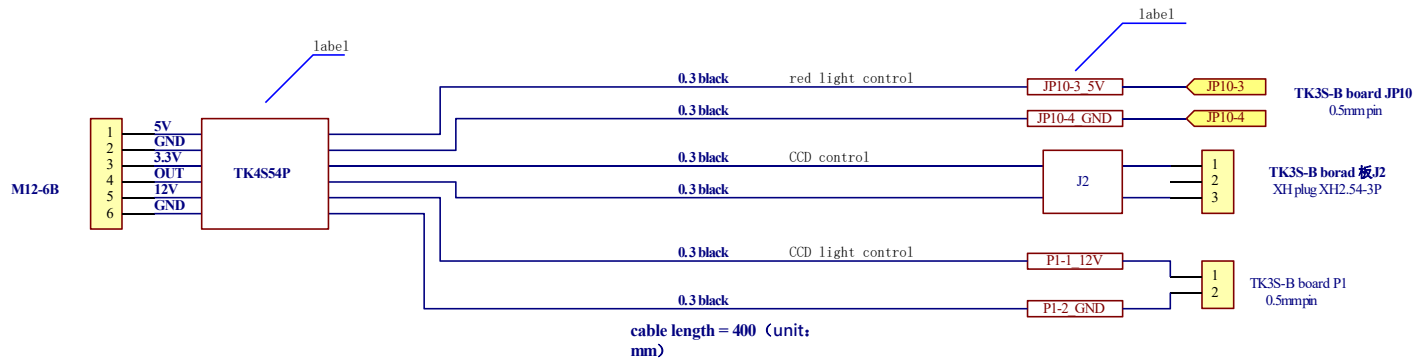
the power of PRT control parts



TK4S circuit diagram of PRTV1.0.1

CCD camera parts

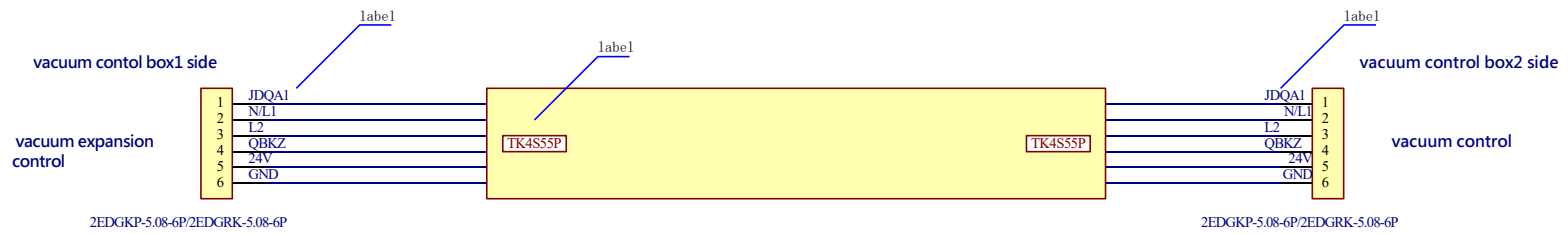
TK4S-CCD camera control cable TK4S54P



TK4S-circuit diagram of CCD camera V1.0.1

vacuum control box parts

### TK4S vacuum expansion control cable TK4S55P



TK4S circuit diagram of vacuum expansion V1.0.1

