



TU/eindhoven  
Mechanical Engineering  
Dynamics and Control

Tel 0402472817

Bedrijf / klant  
Projectbeschrijving  
Tekeningnummer  
Opdrachtgever

TU/eindhoven  
CST

Harrie van de Loo

Fabrikant (bedrijf)

TU/eindhoven  
Mechanical Engineering  
Dynamics and Control

Pad

Projectnaam

Kinect to USB-3 (Robocub)

Fabriek

Type

Installatieplaats

Projectleider

Deelbijzonderheid

Gemaakt op 23-9-2015

Bewerkt op 16-10-2023

Van (afkorting) JvH Jan v. Heerebeek

Aantal pagina's

5

			Datum	16-10-2023	Harrie van de Loo		TU/eindhoven	Titelblad	=		
			Bew	JvH Jan v. Heerebeek			Mechanical Engineering		+		
			Gecontr				Dynamics and Control				Blad 1
Wijziging	Datum	Naam	Oorspr		Vervanging van	Vervangen door					Pagina 1 / 5





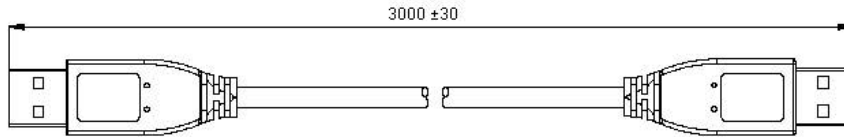
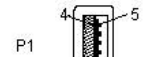
PART NO.

11.99.8 Series

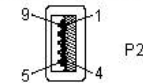
REVISIONS

E/CN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	27/06/10	Jagan	27/06/10	Farnell	10/06/10

USB 3.0 A/M 9PIN  
INS : Blue (PT 300C)



USB 3.0 A/M 9PIN  
INS : Blue (PT 300C)



PIN Out

P1	Color	P2	Signal
1	Red	1	VCC
2	White	2	-DATA
3	Green	3	+DATA
4	Black	4	GND_PWRt
5	Blue	8	SDP1-
6	Yellow	9	SDP1+
7	D.W	7	SDP2_Drain
8	Purple	5	SDP2-
9	Orange	6	SDP2+
Shell	B.D	Shell	

cut through USB-3 cable  
P1 open end 30cm  
P2 open end 30cm

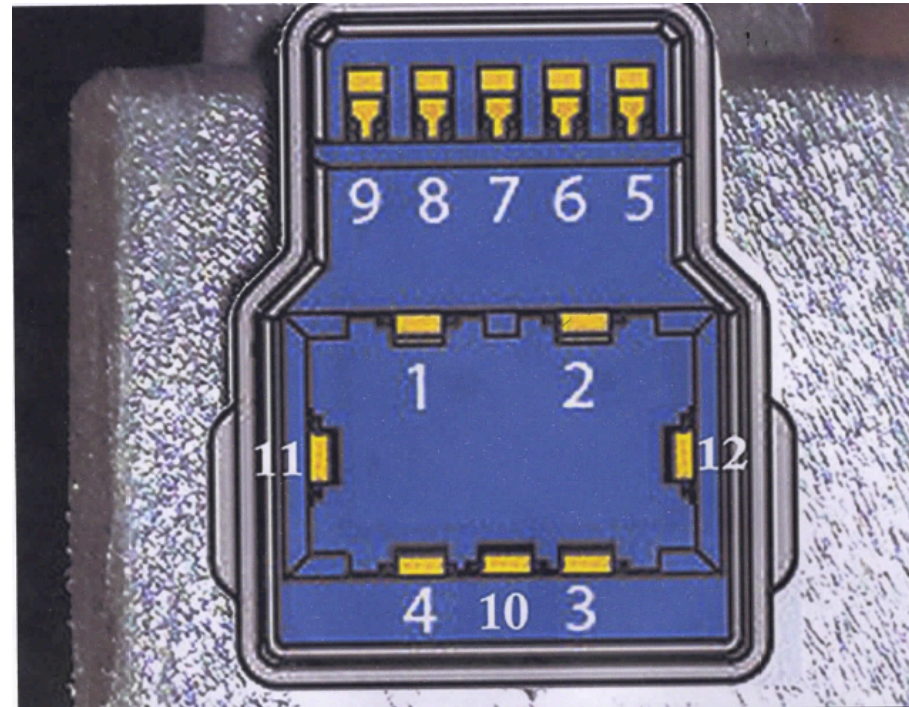
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DRAWN BY:	DATE:
Veena	27/06/10
CHECKED BY:	DATE:
Jagan	27/10/10
APPROVED BY:	DATE:
Farnell	10/06/10

DRAWING TITLE:			
USB3.0 - TYPE A-B			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A		1776155-DWG	A
SCALE: NTS	U.O.M.: mm	SHEET: 1 OF 2	

Datum	17-1-2018	Harrie van de Loo	TU/eindhoven Mechanical Engineering Dynamics and Control	Farnell Ordercode: 1776155	=
Bew	phamels				+
Gecontr					
Wijziging	Datum	Naam	Oorspr	Vervanging van	Vervangen door



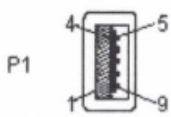
- 1- **Red** VBus
- 2- **White** D-
- 3- **Green** D+
- 4- **White w/ black stripe** GND
- 5- **Blue** StdA\_SSTX-
- 6- **Yellow** StdA\_SSTX+
- 7- **GND\_DRAIN**
- 8- **Purple** StdA\_SSRX-
- 9- **Orange** StdA\_SSRX+
- 10- **Grey**
- 11- **Brown** } Kinect Specific Wires
- 12- **Black** } Brown outputs 12volts

There are 11 wires in the kinect wire bundle excluding shielding wires. The determination of what each wire does is based off a

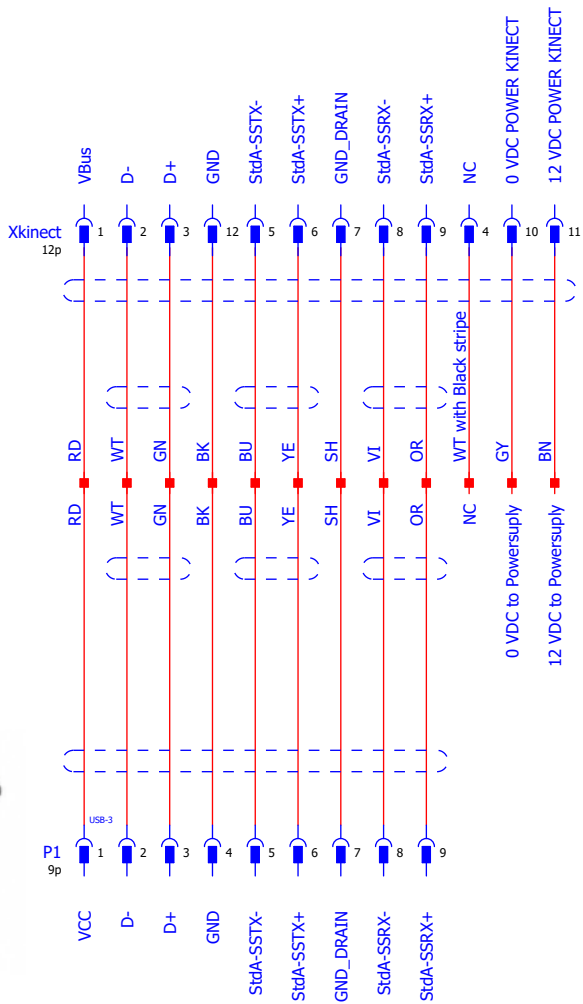
cut through kinect cable  
open end 30cm

			Datum	17-1-2018	Harrie van de Loo	TU/eindhoven Mechanical Engineering Dynamics and Control	Kinect	=	
			Bew	phamels				+	
			Gecontr						
Wijziging	Datum	Naam	Oorspr		Vervanging van	Vervangen door			
									Blad 09 Pagina 4 / 5

USB 3.0 A/M 9PIN  
INS : Blue (PT 300C)

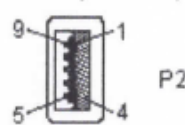


P1

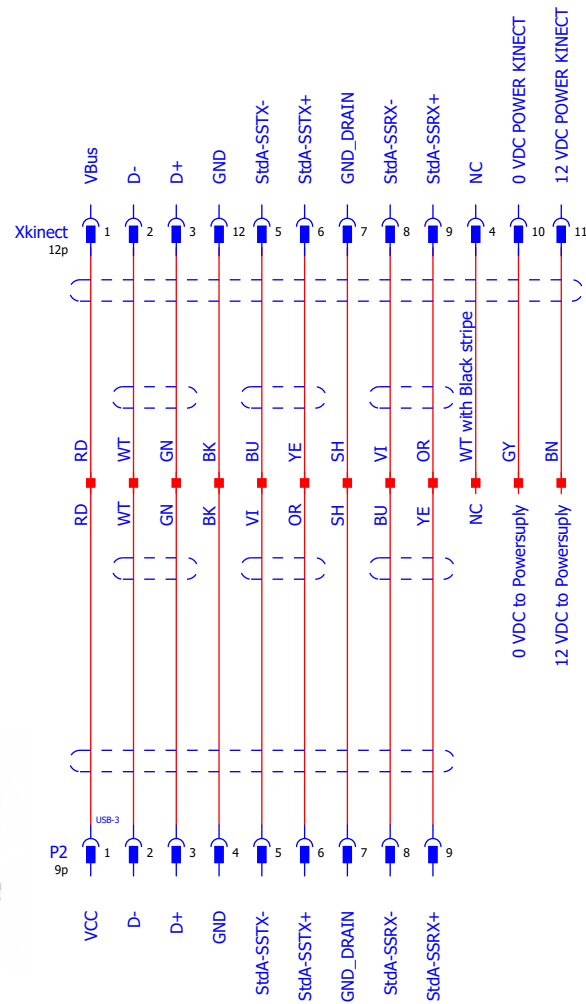


P1 (USB-3)  
find by tweaking with multimeter  
BU on pin 5  
YE on pin 6  
VI on pin 8  
OR on pin 9

USB 3.0 A/M 9PIN  
INS : Blue (PT 300C)



P2



P2 (USB-3)  
find by tweaking with multimeter  
VI on pin 5  
OR on pin 6  
BU on pin 8  
YE on pin 9

			Datum	17-1-2018	Harrie van de Loo	TU/eindhoven Mechanical Engineering Dynamics and Control	Connecting Kinect to USB-3	=	+	Blad 10
			Bew	phamels						
			Gecontr							
Wijziging	Datum	Naam	Oorspr		Vervanging van	Vervangen door				Pagina 5 / 5