

 www.xap.fr - contact@xap.fr			EXTERNAL PIN OUT			NTX-220 SPEC B		
						Revision		Spec B
						Date emiss.		15/01/2020
			NTX			04/04/2022		
PRODUCT						PRODUCT REF CODE		
NTX-220						TBA		
Connector:								
N° pin: 19				Part number: 451 02YS14-19P50			Color:	
Position:				Supplier: Amphenol			Type:	
Pin			Signal	Description		Commnet / uP		
1		A	CAN1 LOW	CAN 1		Not terminated up to 1M		
2		B	CAN1 HIGH					
3		C	USB -	USB DATA -				
4		D	USB_GND	SPECIFIC GND FOR USB				
5		E	ANA1	Analog signal		Set to GND for switch use		
6		F	WHEEL1/DIG1	Digital input 1		up to 100kHz		
7		G	WHEEL2/DIG2	Digital input 2		up to 100kHz		
8		H	ANA2	Analog signal		Set to GND for switch use		
9		J	5V_OUT	Vref for analog sensors		up to 100mA		
10		K	12V_IN	Vbatt				
11		L	GND	General Ground & Analog Gnd				
12		M	USB_VBUS	USB Power				
13		N	USB+	USB DATA +				
14		P	CAN2 HIGH	CAN 2				
15		R	CAN2 LOW					
16		S	ANA3	Analog signal		Set to GND for switch use		
17		T	ANA4	Analog signal		Set to GND for switch use		
18		U	WHEEL3/DIG3	Digital input 3		up to 100kHz		
19		V	WHEEL4/DIG4	Digital input 4		up to 100kHz		