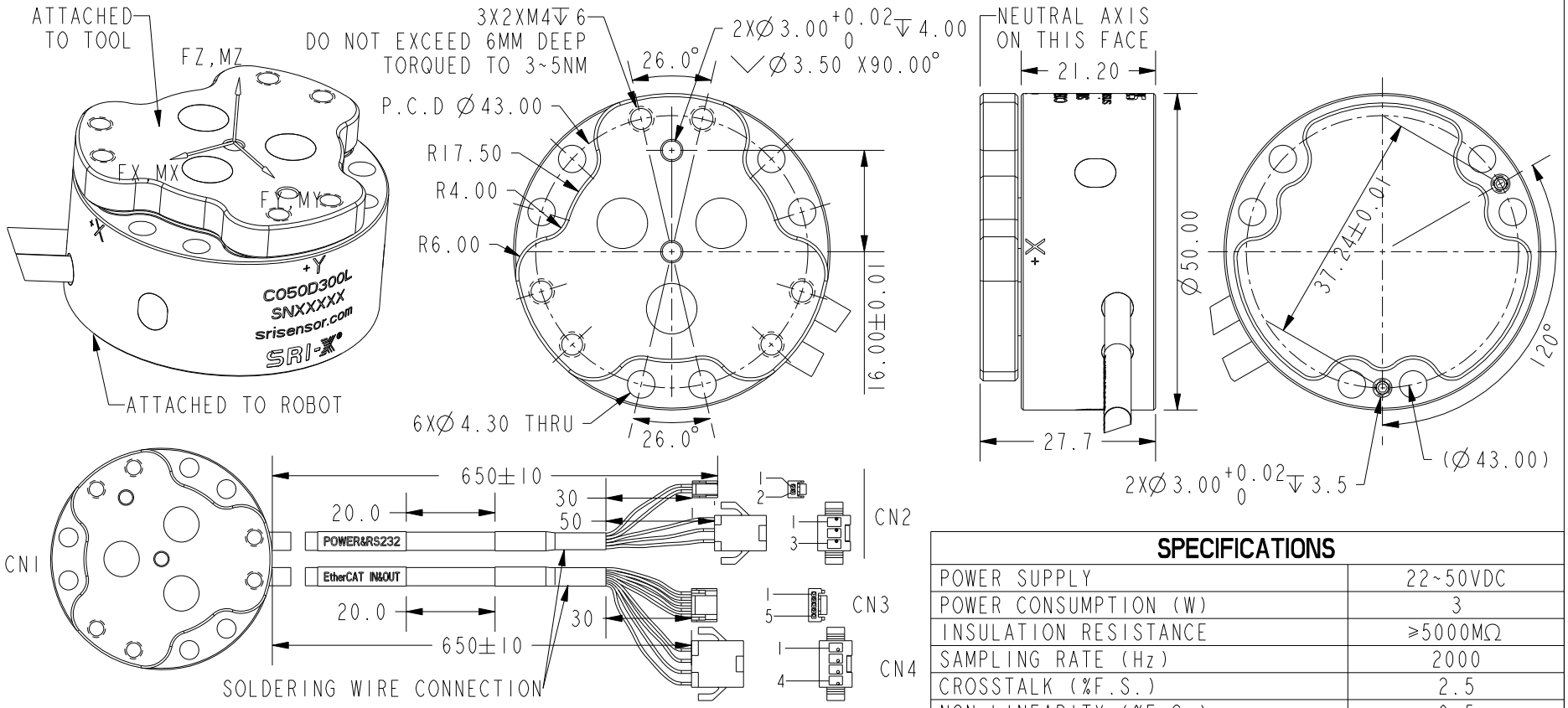


SPECIFICATIONS		
POWER SUPPLY		22~50VDC
POWER CONSUMPTION (W)		3
INSULATION RESISTANCE		≥5000MΩ
SAMPLING RATE (Hz)		2000
CROSSTALK (%F.S.)		2.5
NON-LINEARITY (%F.S.)		0.5
HYSTERESIS (%F.S.)		0.5
OPERATING TEMP. RANGE (°C)		-40 TO +70
COMPENSATED TEMP. RANGE (°C)		10 TO 70
CAPACITY	Fx=Fy=Fz	300N
	Mx=My=Mz	30Nm
OVERLOAD CAPACITY (%F.S.)		250
MATERIAL		STEEL
IP PROTECION		IP60
MASS (KG)		0.225

PIN ASSIGNMENT (POWER&RS232)

CN1				CN2			
PIN	COLOR	FUNCTION	SIZE	COLOR	SIZE	PIN	REMARKS
1	ORANGE	22~50VDC	30 AWG	RED	/	1	GHR-02V-S
2	BLACK	GND		BLACK		2	
3	GRAY	RS232_RX		GRAY	/	1	SMP-03V-BC
4	BROWN	RS232_TX		BROWN		2	
5	/	SHIELD		BLACK		3	

PIN ASSIGNMENT (ETHERCAT IN)

CN1				CN3			
PIN	COLOR	FUNCTION	SIZE	COLOR	SIZE	PIN	REMARKS
1	BLUE	TXPA	30 AWG	RED	/	1	GHR-05V-S
2	WHITE	TXNA		BLACK		2	
3	YELLOW	RXPA		YELLOW		3	
4	GREEN	RXNA		GREEN		4	
5	/	SHIELD		BLUE		5	

PIN ASSIGNMENT (ETHERCAT OUT)

CN1				CN4			
PIN	COLOR	FUNCTION	SIZE	COLOR	SIZE	PIN	REMARKS
1	ORANGE	TXPB	30 AWG	RED	/	1	SMP-04V-BC
2	BLACK	TXNB		BLACK		2	
3	GRAY	RXPB		YELLOW		3	
4	BROWN	RXNB		GREEN		4	

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL
D50MM F300N, ETHERCAT,DC DC CONVERTER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C050D300L	REV. 0.1