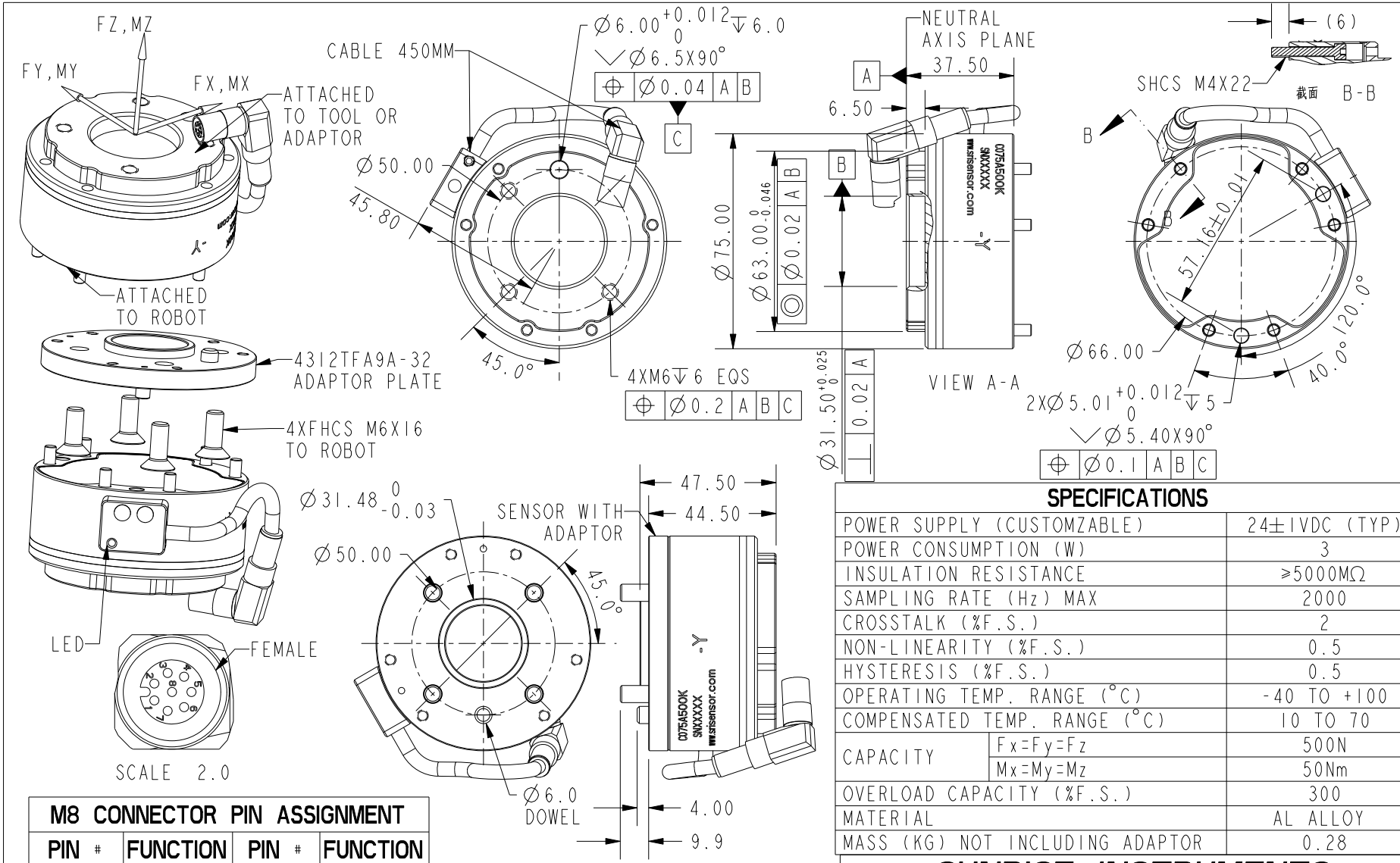


SPECIFICATIONS

POWER SUPPLY (CUSTOMZABLE)		24±1VDC (TYP)
POWER CONSUMPTION (W)		3
INSULATION RESISTANCE		≥5000MΩ
SAMPLING RATE (Hz) MAX		2000
CROSSTALK (%F.S.)		2
NON-LINEARITY (%F.S.)		0.5
HYSTERESIS (%F.S.)		0.5
OPERATING TEMP. RANGE (°C)		-40 TO +100
COMPENSATED TEMP. RANGE (°C)		10 TO 70
CAPACITY	Fx=Fy=Fz	500N
	Mx=My=Mz	50Nm
OVERLOAD CAPACITY (%F.S.)		300
MATERIAL		AL ALLOY
MASS (KG) NOT INCLUDING ADAPTOR		0.28

M8 CONNECTOR PIN ASSIGNMENT

PIN #	FUNCTION	PIN #	FUNCTION
1 RED	RS485+	5 BROWN	+24V
2 BLACK	RS485-	6 WHITE	NA
3 ORANGE	RX	7 GREEN	NA
4 YELLOW	TX	8 BLUE	GND

LED STATUS	SENSOR STATUS
OFF	POWER OFF
FLIKER	WORK PROPERLY
ON	ABNORMAL

PEAK-TO-PEAK NOISE = 6.6 X RMS NOISE (EFFECTIVE RESOLUTION)
NOISE IS MEASURED AT SAMPLING RATE 200HZ

PEAK-TO-PEAK NOISE	0.5N	0.5N	0.4N	0.014Nm	0.014Nm	0.015Nm
EFFECTIVE RESOLUTION	0.08N	0.08N	0.06N	0.002Nm	0.002Nm	0.002Nm

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL
D75MM, DIGITAL(RS485) OUTPUT
COMPATIABLE WITH ELITE ROBOTS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	C075A500K	REV. 0.2