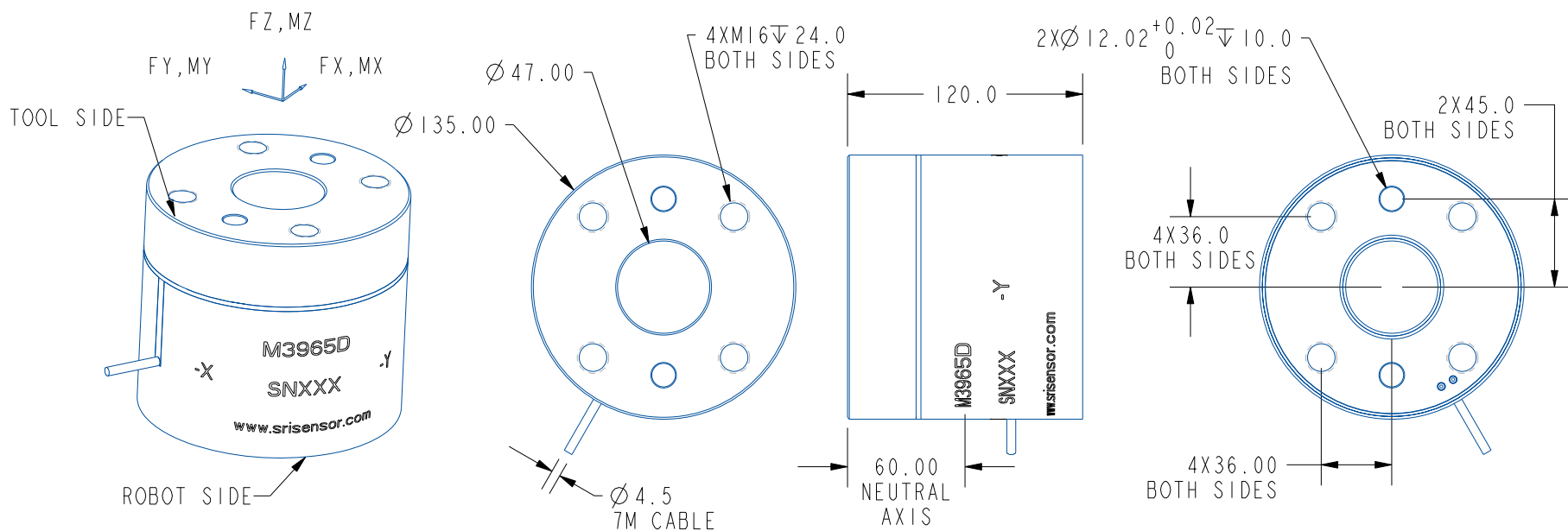




POSITIVE OUTPUT IS EXPECTED WHEN LOAD (FORCE OR MOMENT) IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

ALL CHANNELS ARE STRUCTURALLY DECOUPLED. NO DECOUPLING ALGORITHM REQUIRED. STANDARD DATA AQUISITION SYSTEM CAN BE USED

IP PROTECTION: IP60.

SPECIFICATIONS	
EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	5200
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	7.4

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	200000	200000	600000	NA	NA	NA
OUTPUT (mV/V)	2.1	2.1	1.2	NA	NA	NA
BRIDGE RES. (Ω)	350	350	350	NA	NA	NA

WIRING CODE - TWISTED PAIR WIRES					
Fx		Fy		Fz	
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION
RED(BLACK)	+EXC.	RED(BROWN)	+EXC.	ORANGE(BLACK)	+EXC.
BLACK(RED)	-EXC.	BROWN(RED)	-EXC.	BLACK(ORANGE)	-EXC.
YELLOW(BROWN)	+SIG.	BLUE(BROWN)	+SIG.	YELLOW(BLACK)	+SIG.
BROWN(YELLOW)	-SIG.	BROWN(BLUE)	-SIG.	BLACK(YELLOW)	-SIG.

SUNRISE INSTRUMENTS

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THREE AXIS CIRCULAR LOAD CELL
D135MM F600KN

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3965D

REV.
A