



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 ACQUISITION SYSTEM CAN BE USED

IP PROTECTION: IP65.

SPECIFICATIONS	
EXCITATION MAX. (V)	24V
OVERLOAD CAPACITY (%F.S.)	500
FREE AIR RESONANT FREQ. (HZ.)	3300
CROSSTALK (%F.S.)	N/A
NON-LINEARITY (%F.S.)	2.0
HYSTERESIS (%F.S.)	2.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.94

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	800N	NA	NA	NA	NA	NA
<b>OUTPUT (V)</b>	±5V	NA	NA	NA	NA	NA

**DIFFERENTIAL OUTPUT, COMMON MODE AT 0V**

WIRING CODE	
COLOR	FUNCTION
RED	+EXC
GREEN	+SIG
BLACK	-EXC
BROWN	-SIG

**SUNRISE INSTRUMENTS**  
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UNIAXIAL AXIS CIRCULAR LOAD CELL  
DI35MM FX (IP65)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3925A3B	REV. 0.2
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