



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: IP60. USE PART # "M3925P" FOR IP68 (10M) VERSION

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	2700	2700	5400	270	270	216
OUTPUT (mV/V)	2.0	2.0	0.8	2.1	2.1	2.5
BRIDGE RES. (Ω)	350	350	350	350	350	700

SPECIFICATIONS	
EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	3300
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)	0.72

WIRING CODE					
Fx/Mx (SOLID)		Fy/My (PURPLE STRIPE)		Fz/Mz (WHITE STRIPE)	
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION
RED/ORANGE	+EXC.	RED/ORANGE	+EXC.	RED/ORANGE	+EXC.
YELLOW/GRN	+SIG.	YELLOW/GRN	+SIG.	YELLOW/GRN	+SIG.
BLACK (SHARED)	-EXC.	BLACK (SHARED)	-EXC.	BLACK (SHARED)	-EXC.
BLUE/BROWN	-SIG.	BLUE/BROWN	-SIG.	BLUE/BROWN	-SIG.

SUNRISE INSTRUMENTS
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SIX AXIS CIRCULAR LOAD CELL
D135MM F2700N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3925	REV. A
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