



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

CONNECTOR PIN ASSIGNMENT		
PIN #	FUNCTION	COLOR
1	+E	RED
2	-S	BROWN
3	+S	GREEN
4	-E	BLACK
	SHIELD	SHIELD

SPECIFICATIONS	
EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	4000
CROSSTALK (%F.S.)	3.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	1.0

**SUNRISE INSTRUMENTS**  
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UNIAXIAL CIRCULAR LOAD CELL  
 D90MM F10kN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3924-1X	REV. A
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	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY</b>	NA	NA	10kN	NA	NA	NA
<b>OUTPUT (mV/V)</b>	NA	NA	0.4	NA	NA	NA
<b>BRIDGE RES. (Ω)</b>	NA	NA	350	NA	NA	NA