



THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	5000N	5000N	5000N	3000Nm	3000Nm	3000Nm
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	700	700	700	700	700	700

SPECIFICATIONS	
POWER SUPPLY (V)	10V
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	3500
CROSSTALK (%F.S.)	2.5
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
MASS (KG)	14.7

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D250MM F5000N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4346M1	REV. A
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