



POLARITY PER RIGHT HAND RULE, COORDINATE SYSTEM AS SHOWN. IMPACT FORCE (COMPRESSION) GENERATES NEGATIVE FX

SHOCK LIMIT FOR FX: 500KN

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	300kN	100kN	100kN	NA	NA	NA
OUTPUT (mV/V)	1.1	2.3	2.3	NA	NA	NA
BRIDGE RES. (Ω)	350	350	350	NA	NA	NA

SPECIFICATIONS	
EXCITATION MAX. (V)	24
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	3200
CROSSTALK (%F.S.)	2.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
MASS (KG)	9.2

DB-15 CONNECTOR					
PIN#	FUNC	PIN#	FUNC	PIN#	FUNC
1	V+ 24V	6	NEXT	11	GND
2	V+ 24V	7	GND	12	GND
3	V+ 24V	8	GND	13	TRIGGER
4	GND	9	RS485A	14	RX
5	PREV	10	RS485B	15	TX

SUNRISE INSTRUMENTS

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CRASH WALL LOAD CELL
STANDARD WEIGHT, DIGITAL OUTPUT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

S989A1

REV.
0.3