



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

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	400kN	100kN	100kN	NA	20kNm	20kNm
OUTPUT (mV/V)	1.17	1.66	1.65	NA	1.81	1.84
BRIDGE RES. (Ω)	2800	2800	2800	NA	2800	2800

DB15 PIN ASSIGNMENT

PIN #	FUNCTION	COLOUR	PIN #	FUNCTION	COLOUR	PIN #	FUNCTION	COLOUR
1	+E1	RD(BL)	6	-E2	BN(RD)	11	+FZ	YE(BL)
2	-E1	BL(RD)	7	+FY	BU(BN)	12	-FZ	BL(YE)
3	+FX	YE(BN)	8	-FY	BN(BU)	13		
4	-FX	BN(YE)	9	+E3	ORG(BL)	14		
5	+E2	RD(BN)	10	-E3	BL(ORG)	15	Shield	

RD=RED, BL=BLACK, YE=YELLOW, BN=BROWN, BU=BLUE, ORG=ORANGE
"RED(BLACK)"= RED CABLE IN RED/BLACK PAIR

SPECIFICATIONS

EXCITATION MAX. (V)	20
OVERLOAD CAPACITY (%F.S.)	150
FREE AIR RESONANT FREQ. (HZ.)	3500
CROSSTALK (%F.S.)	3.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE ($^{\circ}$ C)	-40 TO +90
MASS (KG)	9.0

SUNRISE INSTRUMENTS

www.srisensor.com

CRASH WALL LOAD CELL
400kN

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

S989D1

REV.
C