



POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE UPPER PORTION PER COORDINATE SYSTEM

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N)	500	500	500	NA	NA	NA
OUTPUT (mV/V)	0.9	0.9	0.8	NA	NA	NA
BRIDGE RES. (Ω)	700	700	1400	NA	NA	NA

WIRING CODE (14-CONDUCTOR CABLE)

NO.	COLOR	FUNCTION	NO.	COLOR	FUNCTION	NO.	COLOR	FUNCTION
1	GREEN	+FX	6	BROWN-ST	-FZ	11	PURPLE	NA
2	GREEN-ST	-FX	7	WHITE	NA	12	GREY	NA
3	YELLOW	+FY	8	WHITE-ST	NA	13	RED	+E
4	YELLOW-ST	-FY	9	ORANGE	NA	14	BLACK	-E
5	BROWN	+FZ	10	BLUE	NA			

XXXX-ST (e.g. GREEN-ST) - WITH SHRINK TUBE SHIELD TO SENSOR BODY

SPECIFICATIONS

EXCITATION MAX. (V)	5
OVERLOAD CAPACITY (%F.S.)	300
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE ($^{\circ}$ C)	-40 TO +100
COMPENSATED TEMP. RANGE ($^{\circ}$ C)	10 TO 70
MASS (KG)	0.06

SUNRISE INSTRUMENTS

www.srisensor.com

THREE AXIS SQUARE LOAD CELL
32X32X12MM, F500N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4312G4

REV.
0.3