



IP68 Protection (4.5Bar, 45m under water):

POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

The sensor is structurally decoupled. Low voltage output, Output ranges from 0.5mv/V or 3mv/V. Actual output will be defined when design is completed

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	3000	3000	12000	1000	1000	1000
BRIDGE RES. (Ω)	350	350	350	350	350	350

WIRING CODE

FUNC	FX	FY	FZ	MX	MY	MZ
+SIG	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN
-SIG	BROWN	BROWN	BROWN	BROWN	BROWN	BROWN
+EXC	RED	RED	RED	RED	RED	RED
-EXC	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK

SPECIFICATIONS

POWER SUPPLY (V)	5V
OVERLOAD CAPACITY (%F.S.)	200
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	2.5
HYSTERESIS (%F.S.)	2.5
OPERATING TEMP. RANGE ($^\circ\text{C}$)	-40 TO +90
COMPENSATED TEMP. RANGE ($^\circ\text{C}$)	10 TO 70
MASS (KG)	13.7KG

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS LOAD CELL
D180MM F12KN

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3628KP

REV.
0.2