



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

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	100N	100N	150N	20NM	20NM	20NM
OUTPUT @ F.S.(mV)	COUPLED					

LEMO PIN ASSIGNMENT - TWISTED PAIR COLOR CODES

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	+FX WT(BN)	6	-FZ BN(BL)	10	-MY BN(RD)
2	-FX BN(WT)	7	+MX YL(BN)	11	+MZ WT(BK)
3	+FY OG(BN)	8	-MX BN(YL)	12	-MZ BK(WT)
4	-FY BN(OG)	9	+MY RD(BN)	17	NA
5	+FZ BL(BN)	18	POWER 24V OG(BK) & BL(BK) & BK(BL)		
19	GND RD(BK)&BK(RD)&YL(BK)&BK(YL)		SHIELD TO CONNECTOR SHELL		
WT=WHITE, BN=BROWN, OG=ORANGE, BL=BLUE, YL=YELLOW, RD=RED, BK=BLACK					

SPECIFICATIONS

POWER SUPPLY (V)	5V
OVERLOAD CAPACITY (%F.S.)	300
CROSSTALK %F.S.	1.5
NON-LINEARITY (%F.S.)	0.3
HYSTERESIS (%F.S.)	0.3
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	6.6

SUNRISE INSTRUMENTS

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SIX AXIS CIRCULAR LOAD CELL, COUPLED
D280MM F150N, NO AMPLIFIER

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4347D10

REV.
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