



	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	2500	2500	2500	56	56	56
OUTPUT (Communication)	EtherCAT OR RS232					
RESOLUTION (N/Nm)	0.2424	0.2424	1.4697	0.0197	0.0197	0.0068

WIRING CODE							
NO.	COLOR	FUNCTION	NOTE	NO.	COLOR	FUNCTION	NOTE
1.	WT(BN)	TXPA	EtherCAT IN	7.	YL(BN)	RXPB	EtherCAT OUT
2.	BN(WT)	TXNA		8.	BN(YL)	RXNB	
3.	OG(BN)	RXPA		9.	RD(BN)	TX	RS232
4.	BN(OG)	TXNA		10.	BN(RD)	RX	
5.	BL(BN)	TXPB	EtherCAT OUT	11.	RD(BK) & BK(RD)	+48V	Power
6.	BN(BL)	TXNB		12.	YL(BK) & BK(YL)	GND	

YL=YELLOW, OG=ORANGE, WT=WHITE, BN=BROWN, BL=BLUE, RD=RED, BK=BLACK
 WT(BN)= WHITE CABLE IN WHITE(BROWN) PAIR

SPECIFICATIONS	
POWER SUPPLY (V)	+48±1V
OVERLOAD CAPACITY (%F.S.)	200
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG) NOT INCLUDING ADAPTOR	0.14

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS LOAD CELL
 D65MM F2500N, EtherCAT OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3636S5E2	REV. B
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