



C110104-00682 M12-P8A-GWAP9-BS  
 THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. ALL CHANNELS ARE STRUCTURALLY DECOUPLED  
 EMBEDDED AMPLIFIER INLCUDED.

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	NA	NA	NA	3000	3000	NA
<b>OUTPUT</b>	ETHERCAT					
<b>RESOLUTION (N/Nm)</b>	NA	NA	NA	0.18	0.18	NA

RESOLUTION IS DEFINED WITH VISIBLE CHANGE WHEN MINIMUM LOAD IS QUICKLY APPLIED OR REMOVED AT 200 HZ SAMPLING RATE



SPECIFICATIONS	
POWER SUPPLY (V)	24V(15~30V)
Current (mA) nominal (24V POWER)	140
Current (mA) peak (24V POWER)	200
OVERLOAD CAPACITY (%F.S.)	250
LOWEST FREE AIR RESONANT FREQ. (HZ.)	1400
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	16.2

**SUNRISE INSTRUMENTS**  
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TWO AXIS CIRCULAR LOAD CELL  
 D280MM MY3000NM

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4314MC1	REV. A
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