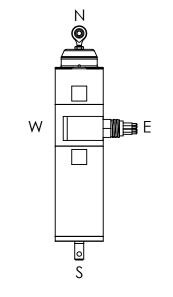


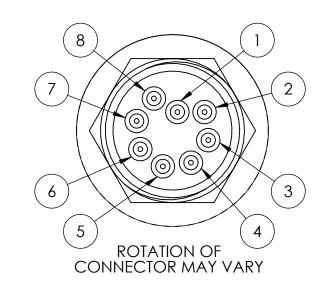
SERIES							
2100L	STANDARD BALL SCREW DRIVE						
2110L	SELF-LOCKING ACME SCREW DRIVE						

D

HOUSING MATERIAL			STROKE LENGTH		PUSHROD MOUNT		FIXED END MOUNT		CONNECTOR ORIENTATION	
SS	316 STAINLESS STEEL, PASSIVATED	2	2 INCH	Α	Ø3/16" ROD END	A	Ø3/16" ROD END	N	TOWARD FIXED END	
AL	6061-T6 ALUMINUM, BLACK HARDCOAT ANODIZED	4	4 INCH	В	Ø 1/4" ROD END	В	Ø 1/4" ROD END	S	TOWARD PUSHROD	
TI	GRADE 5 TITANIUM			С	Ø 5/16" ROD END	С	Ø 5/16" ROD END	E	90° CW FROM FIXED END	
				E	Ø3/16" CLEVIS	Е	NOSE MOUNT	w	270° CW FROM FIXED END	
				F	Ø 1/4" CLEVIS					
					•					

			COMMUNICATION	VOLTAGE			
		8R	RS-232 AND RS-485	01	12-60VDC OPERATIONAL RANGE		
		8V	RS-232 AND 0-10V ANALOG VOLTAGE CONTROL	08	50-120VDC OPERATIONAL RANGE		
	-	8A	RS-232 AND 4-20mA ANALOG CURRENT CONTROL				
١		8C	RS-232 AND CAN				
		8E	ETHERNET				
		6L	NON-ISOLATED RS-232 AND RS-485				





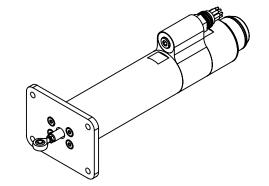
	PIN ASSIGNMENTS							
PIN	N 8R 8V		8A	8C	8E	6L*		
1	VIN -	VIN -	VIN -	VIN -	VIN -	RS-232 TX		
2	VIN +	VIN +	VIN +	VIN +	VIN +	RS-232 RX		
3	N/C	N/C	N/C	N/C	RS-232 TX	RS-485 -		
4	COMMS GND	COMMS GND	COMMS GND	COMMS GND	RS-232 RX	VIN +		
5	RS-232 TX	RS-232 TX	RS-232 TX	RS-232 TX	ETHERNET TX+	VIN -		
6	RS-232 RX	RS-232 RX	RS-232 RX	RS-232 RX	ETHERNET TX-	RS-485 +		
7	RS-485 +	0-10V ANALOG INPUT	4-20 mA ANALOG INPUT	CAN HI	ETHERNET RX+	N/A		
8	RS-485 -	0-10V ANALOG OUTPUT	4-20mA ANALOG OUTPUT	CAN LO	ETHERNET RX-	N/A		

*NON-ISOLATED

608-825-4799

CONNECTOR ORIENTATION

MODEL SHOWN: 2100L-SS2EAE-8R01 CONNECTOR ORIENTATION: E (90° CLOCKWISE FROM FIXED END) 2G ENGINEERING CAN CUSTOMIZE ANY ACTUATOR TO SUIT YOUR APPLICATION. CERTAIN OPTIONS MAY IMPACT DIMENSIONS, PERFORMANCE, AND LEAD TIME. CONTACT 2G TO CONFIRM SPECIFICATIONS FOR YOUR APPLICATION.



NOSE MOUNT OPTION

MODEL SHOWN: 2100L-SS4AEN-8R01 ILLUSTRATED WITH CUSTOM MOUNTING BRACKET. 2G CAN PROVIDE A CUSTOM BRACKET FOR MOUNTING TO YOUR EQUIPMENT.

2G ENGINEERING, LLC 2752 CAPITOL DR., #103 SUN PRAIRIE, WI 53590

(608) 825-4799

SALES@2G-ENG.COM

WWW.2G-ENG.COM

2G ENGINEERING **UNLESS OTHERWISE SPECIFIED:** MATERIAL: INITIALS - DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE IN mm DRAWN DJF 08/17/2022 WWW.2G-ENG.COM TOLERANCES: APPROVED 08/17/2022 DJF DECIMALS:

PROPRIETARY AND CONFIDENTIAL MATERIAL COMMENTS: ±.015 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ±.005 .XXX ANGULAR: MACHINED: ±0.5° OTHER: ±2°
- THREAD DEPTHS ON TAPPED HOLES
ARE MINIMUMS

SHARP CORNERS: 0.005

- SURFACE FINISH: ≤63 Ra (µin)

AND REMOVE BURRS

- BREAK ALL SHARP EDGES 0.010 MAX

2G ENGINEERING. ANY DISTRIBUTION OR REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 2G ENGINEERING IS ARE MINIMUMS
- TAP DRILL DIAMETERS ARE REFERENCE SIZE THIRD ANGLE

TITLE: 2100 SERIES LINEAR

CLICK HERE FOR USER MANUAL AND COMMUNICATION PROTOCOL INFORMATION.

ACTUATOR

2100L INTERPRET GEOMETRIC DIMENSIONING & TOLERANCING PER ASME Y14.5-2009 SHEET 3 OF 6 SCALE: 1:4

5

