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CONFIDENTIAL AND PROPRIETARY TO KZVALVE, LLC. UNAUTHORIZED USE, DISCLOSURE OR REPRODUCTION IS PROHIBITED	
PART NUMBER: C2D37-1CEFS-D01	
CUSTOMER: KZVALVE	
ACTUATOR DESIGN NOTES:	
1. KZVALVE SERIES: EH6	
2. BODY MATERIALS: GF NYLON	
3. LED INDICATOR: STANDARD	

GASKET: SILICONE 4.

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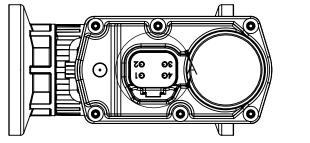
- 5. MOTOR SHAFT GROMMET MATERIAL: FLUOROCARBON
- RESPONSE TIME: 0.5S@12VDC FOR 90 DEGREE TRAVEL 6.
- AMBIENT STORAGE TEMPERATURE: -67 °F TO 221 °F (-55 °C TO 105 °C) AMBIENT OPERATING TEMPERATURE: -40 °F TO 185 °F (-40 °C TO 85 °C) 7.
- 8.
- ENCLOSURE RATING: NEMA 6P PER NEMA 250 & IP69K PER ISO 20653 & IEC 60529 9. 10. ELECTRICAL:
 - **OPERATING INPUT VOLTAGE: 9VDC TO 32VDC** 1.
 - CURRENT DRAW 2.
 - NORMAL OPERATION: 1.0-1.5 AMPS@12VDC 1.
 - CONTINUOUS (IDLE STATE): 0.04 AMPS
 - 3. STALL (LOCKED ROTOR): 3.0 AMPS@12VDC CONNECTION: MOLDED DEUTSCH RECEPTACLE
 - 3.
 - TERMINALS:
 - PIN 1: GND 1.
 - PIN 2: (+) FEEDBACK @CLOSED 2.
 - PIN 3: (+) SIGNAL TO OPEN 3.
 - 4. PIN 4: (+) POWER IN 12VDC

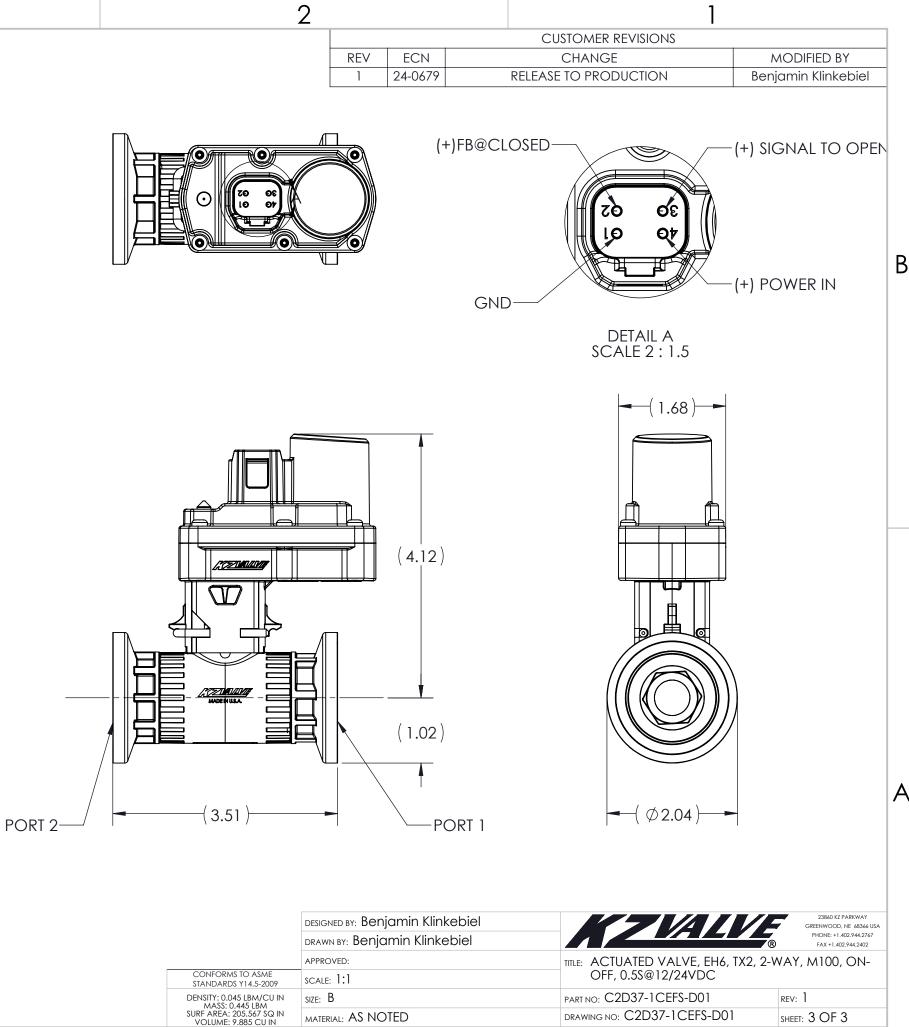
VALVE DESIGN NOTES:

- 11. KZVALVE SERIES: TX2
- 12. BODY MATERIALS: GF POLYPROPYLENE
- 13. WETTED MATERIALS: GF POLYPROPYLENE/316 SS
- 14. O-RING MATERIAL: EPDM
- 15. STEM SEAL MATERIAL: FLUOROCARBON
- 16. SEAT MATERIAL: CG FILLED TEFLON
- 17. PORT CONNECTIONS
 - 1. PORT 1: M100 FLANGE
 - 2. PORT 2: M100 FLANGE
- 18. FUNCTIONAL STATES
 - DEFAULT STATE: 0° 1.
 - A. PORT 1: CLOSED
 - B. PORT 2: CLOSED
 - 2. ACTUATED STATE: 90°
 - A. PORT 1: OPEN
 - B. PORT 2: OPEN
- 19. MAXIMUM PRESSURE DIFFERENTIAL: 150 PSI @ 70 F
- 20. MAXIMUM BODY PRESSURE: 150 PSI @ 70 F

	LEI	D INDICATOR STA	ATES	
INDICATOR	RATE	COLOR	STATUS	
SOLID	-	GREEN	AT OPEN POSITION	
SOLID	-	RED	AT CLOSED POSITION	
BLINKING	2.8 Hz	RED	FAULT	
	4			3

REV ECN 24-0679





	DESIGNED BY: Benjamin Klinkebiel
	DRAWN BY: Benjamin Klinkebiel
	APPROVED:
7	SCALE: 1:1
IN	size: B
IN	material: AS NOTED
4	2

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