

CONFIDENTIAL AND PROPRIETARY TO
KZVALVE, LLC. UNAUTHORIZED USE,
DISCLOSURE OR REPRODUCTION IS PROHIBITED

CUSTOMER REVISIONS			
REV	ECN	CHANGE	MODIFIED BY
1	24-0508	CREATED CUSTOMER SHEET	AUSTIN GEMAR

NOTES:

1. PART NUMBER: S8F33-1CE9S-D01
2. KZVALVE ACTUATOR SERIES: EH9
3. ACTUATOR TIME @ .7S
4. AMBIENT OPERATING TEMP: -40°F TO 185°F (-40°C TO 85°C)
5. AMBIENT STORAGE TEMP: -67°F TO 221°F (-55°C TO 105°C)
6. ENCLOSURE RATING: IP68M AND IP69K PER ISO 20653
7. UP TO 90 DEG OF TOTAL TRAVEL - ROTATION TO OPEN STATE IS CLOCKWISE WHEN VIEWED FROM THE BOTTOM SIDE
8. VALVE: 1" 2-WAY FULL PORT, 1" FNPT CONNECTIONS

1. MAX OPERATING PRESSURE: 600PSI @ 70°F
9. WETTED MATERIALS: EPDM, 316SS, PTFE
10. ELECTRICAL

1. OPERATING INPUT VOLTAGE: 12/24 VDC NOM (9-32 VDC)

2. CURRENT DRAW

1. NORMAL OPERATION: 3.2 AMPS @ 12 VDC

2. CONTINUOS (RUNNING STATE): 0.05 AMPS

3. STALL (LOCKED ROTOR): 11 AMPS @ 12 VDC

3. CONNECTION: DEUTSCH 4-PIN DR4

1. TERMINAL MATERIAL: GOLD OVER NICKEL-PLATED BRASS

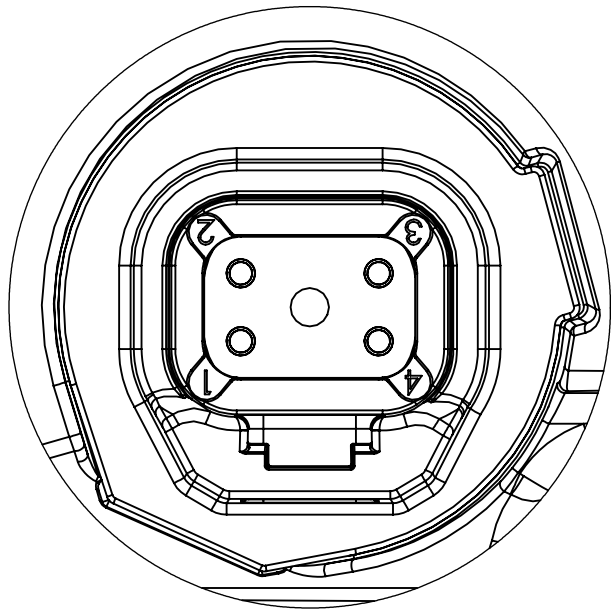
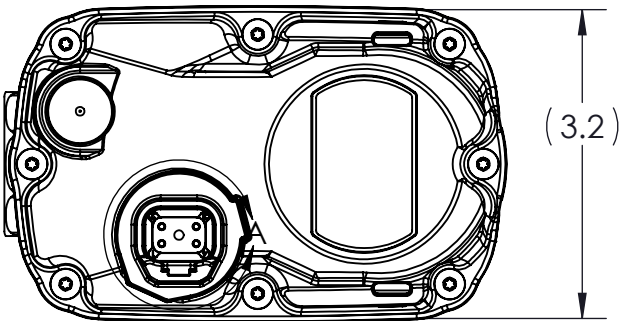
4. PINOUT/FUNCTION

1. PIN 1 - POWER IN (-)

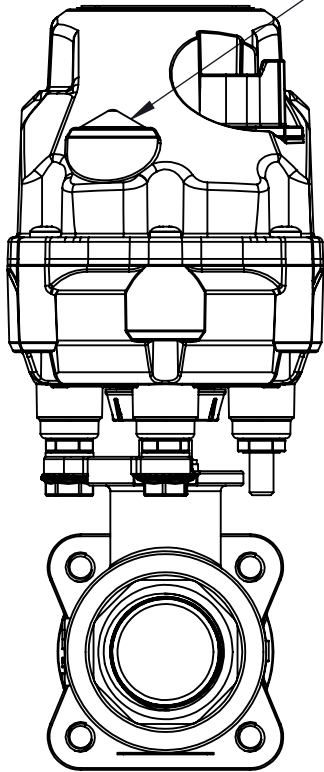
2. PIN2 - (+) FB @ CLOSED

3. PIN3 - SIG 1 (+) TO OPEN

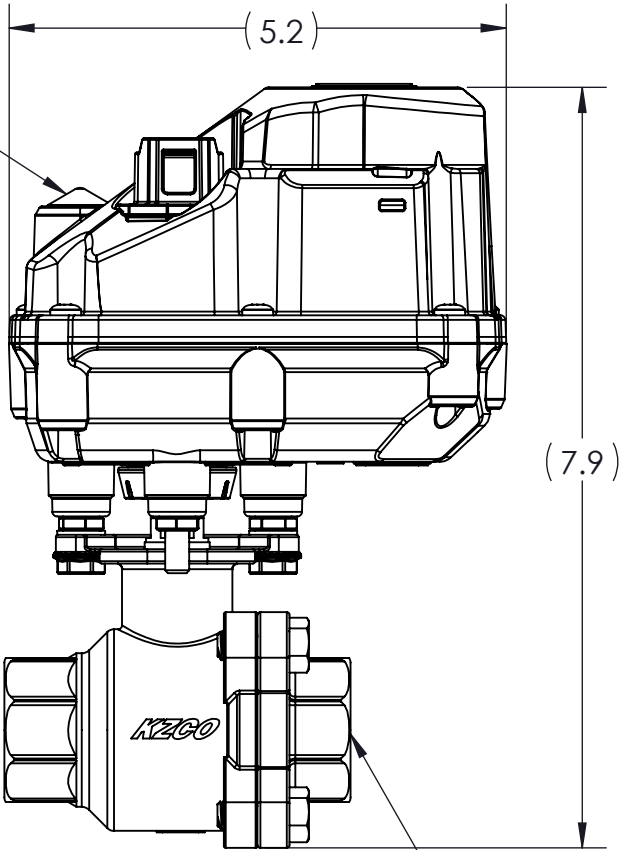
4. PIN4 - POWER IN (+)



DETAIL A
SCALE 2 : 1



LENS LOCATION



VENT PORT SIDE

FLOW DIRECTION

CONFORMS TO ASME
STANDARDS Y14.5-2009

DENSITY: 0.091 LBM/CU IN
MASS: 2.934 LBM
SURF AREA: 470.107 SQ IN
VOLUME: 32.206 CU IN

DESIGNED BY: Evan Schwahn

DRAWN BY: Evan Schwahn

APPROVED:

SCALE: 2:3

SIZE: B

MATERIAL: AS NOTED



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TITLE: ACTUATED VALVE, EH9, 1" FNPT SS 2PC 2 WAY,
0.7S@12/24VDC, (+)FB@CLOSED, 90 DEG, DP
DR4

PART NO: S8F33-1CE9S-D01

DRAWING NO: S8F33-1CE9S-D01

REV: 3

SHEET: 3 OF 3