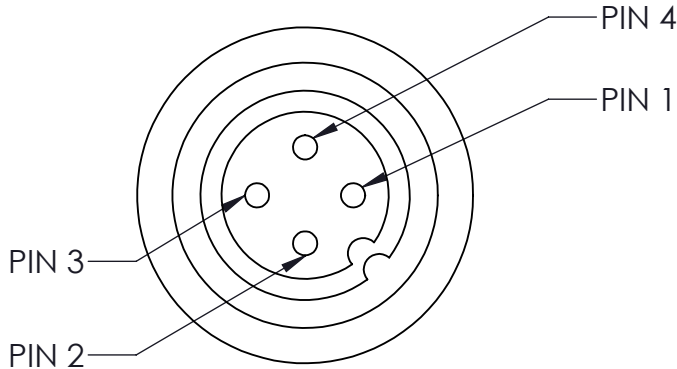
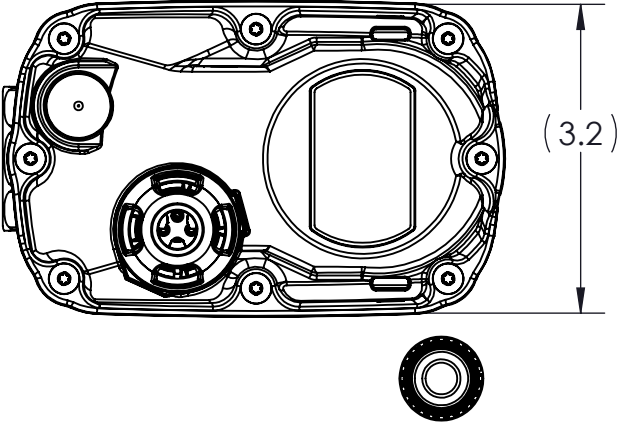


CONFIDENTIAL AND PROPRIETARY TO
KZVALVE, LLC. UNAUTHORIZED USE,
DISCLOSURE OR REPRODUCTION IS PROHIBITED

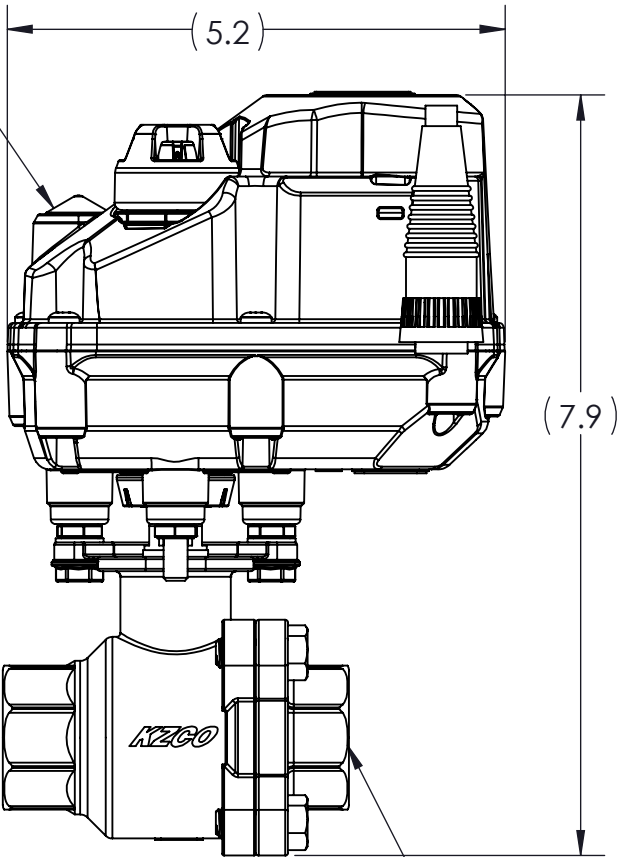
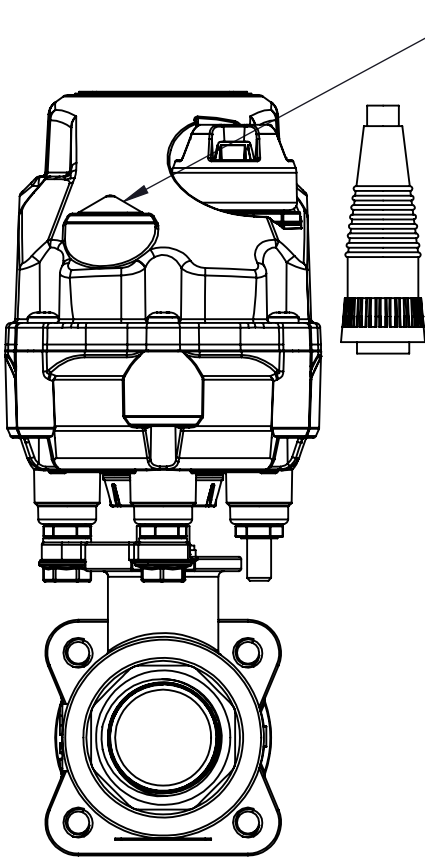
CUSTOMER REVISIONS			
REV	ECN	CHANGE	MODIFIED BY
1	24-0508	CREATED CUSTOMER PRINT	Austin Gemar

DESIGN NOTES:

1. PART NUMBER: S8F33-1AE9S-C01
2. KZVALVE ACTUATOR SERIES: EH9
3. ACTUATOR TIME @ 90 DEGREE: 0.7S
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 @12VDC
3. CONNECTION: 4-PIN RECEPTACLE
1. CONXALL 4-PIN
2. TERMINAL MATERIAL: GOLD OVER NICKEL-PLATED BRASS
4. PINOUT/FUNCTION
1. PIN 1(RED) - POWER IN (+)
2. PIN 2(WHITE) - POWER IN (-)
3. PIN 3(BLACK) - SIG 1 (+) TO OPEN
4. PIN 4(GREEN) - (+) FEEDBACK @ OPEN



CONNECTOR END VIEW




VENT PORT SIDE

FLOW DIRECTION

CONFORMS TO ASME
STANDARDS Y14.5-2009

DENSITY: 0.089 LBM/CU IN
MASS: 2.965 LBM
SURF AREA: 487.988 SQ IN
VOLUME: 33.493 CU IN

DESIGNED BY: Evan Schwahn
DRAWN BY: Evan Schwahn
APPROVED:
SCALE: 2:3
SIZE: B
MATERIAL: AS NOTED

 <div>23860 KZ PARKWAY GREENWOOD, NE 68366 USA PHONE: +1.402.944.2767 FAX: +1.402.944.2402</div>	
TITLE: ACTUATED VALVE, EH9, 1" FNPT SS 2PC 2 WAY, 0.7S@12/24VDC, (+)FB@OPEN, 90 DEG, CONXALL	
PART NO: S8F33-1AE9S-C01	REV: 2
DRAWING NO: S8F33-1AE9S-C01	SHEET: 3 OF 3