

DESIGN NOTES:

1. PART NUMBER: S8C28-1CEBS-D01
2. KZVALVE SERIES: EH8
3. ACTUATION TIME @ 90 DEGREES: 0.2 SEC @ 12/24 VDC
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: IP68 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: 3/8" STANDARD PORT, 3/8" FNPT CONNECTIONS
9. WETTED MATERIALS: PTFE, 316 SS, EPDM
10. ELECTRICAL

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

2. CURRENT DRAW

1. NORMAL OPERATION: 0.4 AMPS @ 12 VDC

2. CONTINUOS (RUNNING STATE): 0.04 AMPS

3. STALL (LOCKED ROTOR): 1.8 AMPS @ 12 VDC

3. CONNECTION- 4-PIN DEUTSCH RECEPTACLE

1. PIN MATERIAL: GOLD-PLATED BRASS

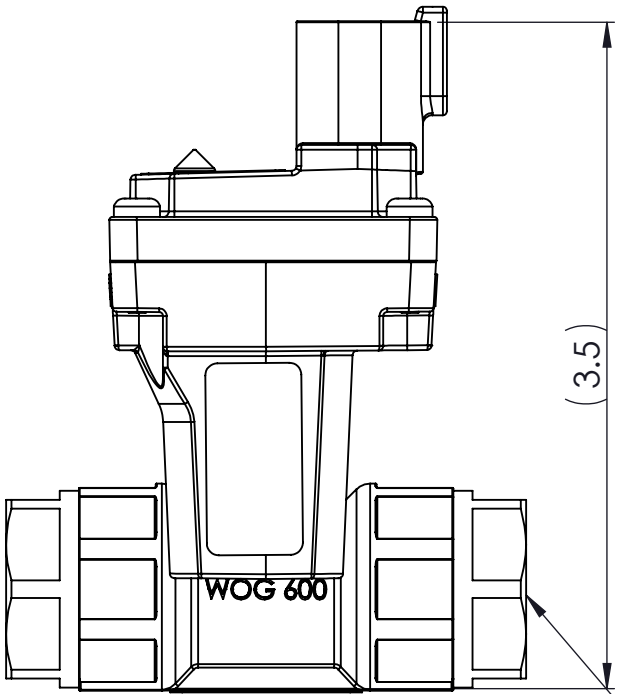
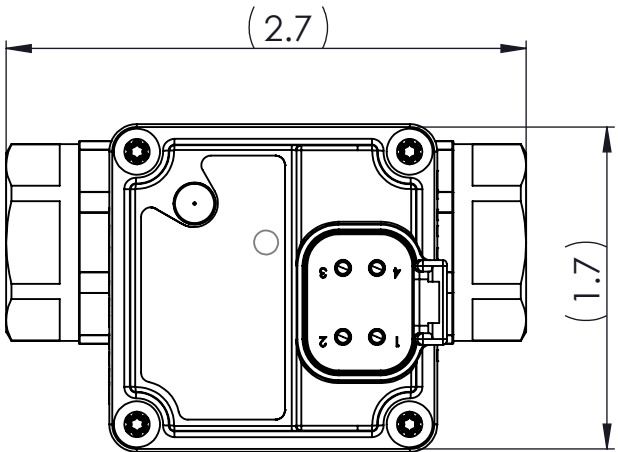
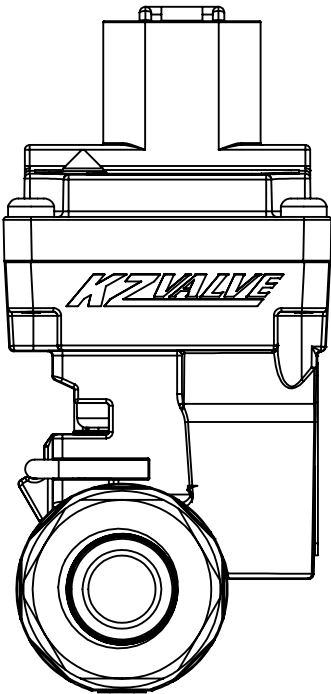
4. PINOUT/FUNCTION

1. PIN 1 (BLACK) - POWER IN (-)

2. PIN 2 (GREEN) - (+) FEEDBACK @ CLOSED

3. PIN 3 (WHITE) - SIG 1 (+) TO OPEN

4. PIN 4 (RED) - POWER IN (+)



LED INDICATOR STATES		
INDICATOR	COLOR	STATUS
BLINKING	RED	FAULT
SOLID	RED	CLOSED
SOLID	GREEN	OPEN

CONFORMS TO ASME
STANDARDS Y14.5-2009

-STANDARD TOLERANCES- -ALL DIMENSIONS IN INCHES [mm]-		DESIGNED BY: Tanner Buresh		<div><div>23860 K2 PARKWAY GREENWOOD, NE 68366 USA PHONE: +1.402.944.2767 FAX: +1.402.944.2402</div></div>	
.X± .XX± .XXX± .XX°±°		TOTAL RUNOUT: .005 FIM CORNER BREAK: .001/.010 SURFACE FINISH: 125 µIN			
		APPROVED:		TITLE: ACTUATED VALVE, EH8, SC, 3/8" FNPT, SS 2-WAY, VENTED ON-OFF, 0.2S@12/24VDC, ON/OFF, FB (+)@CLOSED, DT4, LED	
		SCALE: 1:1	SIZE: B		
DENSITY: LBM/CU IN MASS: LBM SURF AREA: SQ IN VOLUME: CU IN		MATERIAL:		PART NO: S8C28-1CEBS-D01	REV: 3
				DRAWING NO: S8C28-1CEBS-D01	SHEET: 1 OF 1