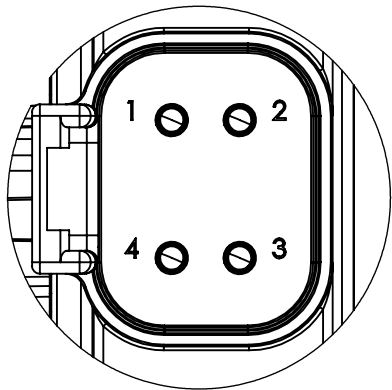
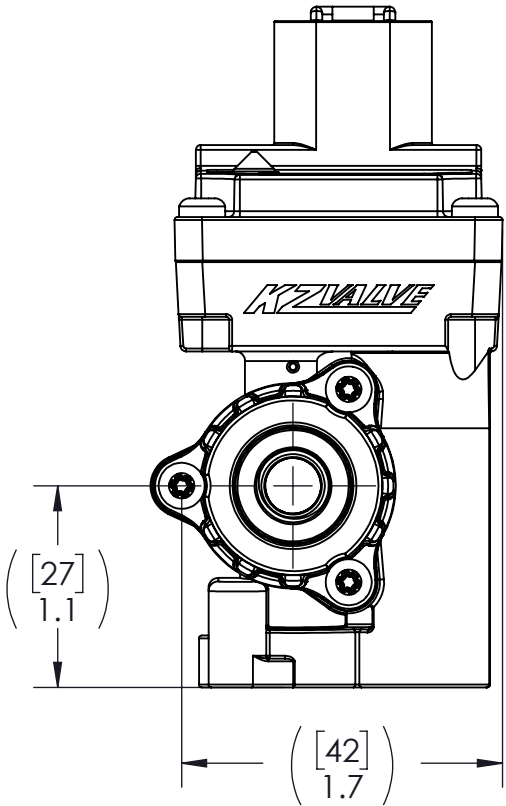
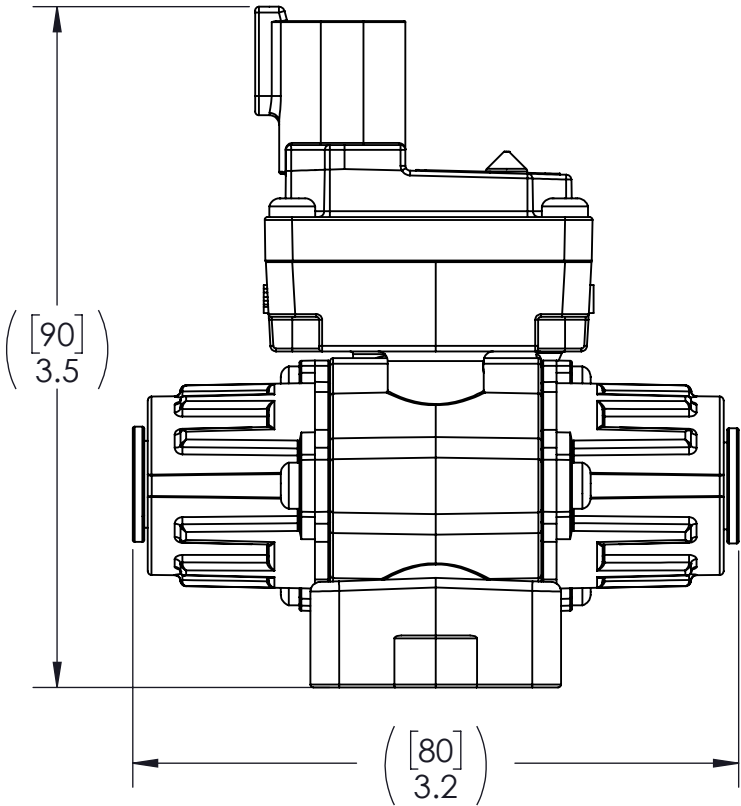
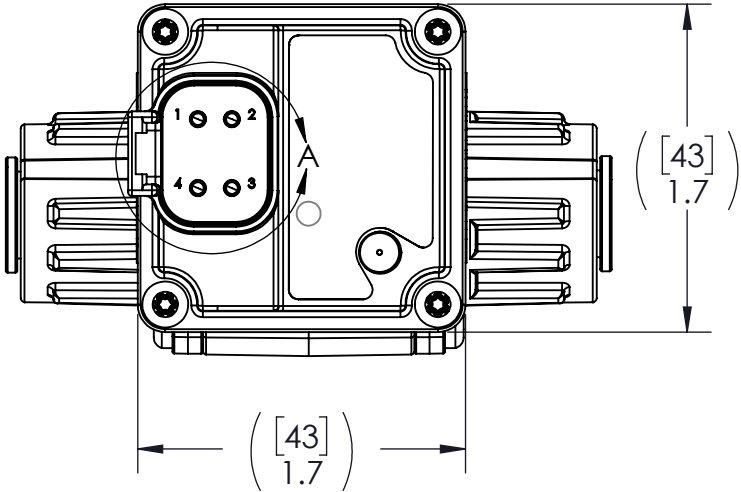


DESIGN NOTES:

1. PART NUMBER: NPZC28-1CEBS-D01
2. KZVALVE ACTUATOR SERIES: EH8
3. ACTUATION TIME @ 90 DEGREES: 0.2S @ 12VDC
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, NEMA 6P/7D PER NEMA 250
7. UP TO 90 DEG OF TOTAL TRAVEL - ROTATION TO OPEN STATE IS CLOCKWISE WHEN VIEWED FROM THE BOTTOM SIDE
8. ELECTRICAL
  1. OPERATING INPUT VOLTAGE: 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
    1. PIN 1 - POWER IN (-)
    2. PIN 2 - FEEDBACK (+) AT OPEN
    3. PIN 3 - SIG 1 (+) AT OPEN
    4. PIN 4 - POWER IN (+)
9. VALVE
  5. WETTED MATERIALS: FKM, CG REINFORCED PTFE, NYLON, 316SS
  6. MAX PRESSURE DIFFERENTIAL: 150 PSI @ 70°F
  7. MAX BODY PRESSURE: 150 PSI @ 70°F
  8. FLOW RATE: 1.2 GPM @ 1 PSI PRESSURE DIFFERENTIAL
  9. CONNECTIONS: 2X 3/8" PTC CONNECTIONS



DETAIL A  
SCALE 2 : 1



LED INDICATOR STATES			
INDICATOR	RATE	COLOR	STATUS
SOLID	-	GREEN	CURRENTLY AT ON POSITION
SOLID	-	RED	CURRENTLY AT OFF POSITION
BLINKING	2.8 Hz	RED	FAULT/TIMEOUT

CONFORMS TO ASME  
STANDARDS Y14.5-2009

-STANDARD TOLERANCES- -ALL DIMENSIONS IN INCHES [mm]-	
.X±.1 .XX±.01 .XXX±.005 .X°±1°	TOTAL RUNOUT: .005 FIM CORNER BREAK: .001/.010 SURFACE FINISH: 125 µIN 
DENSITY: 0.049 LBM/CU IN MASS: 0.237 LBM SURF AREA: 100.295 SQ IN VOLUME: 4.881 CU IN	

DESIGNED BY: Evan Schwahn

DRAWN BY: Evan Schwahn

APPROVED:

SCALE: 1:1

SIZE: B

MATERIAL:  
AS NOTED



23860 KZ PARKWAY  
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TITLE: ACTUATED VALVE, EH8, 3/8" 2-WAY SS BALL,  
3/8" PTC, 0.2S@12/24VDC, DEUTSCH LED

PART NO: NPZC28-1CEBS-D01

REV: 1

DRAWING NO: NPZC28-1CEBS-D01

SHEET: 1 OF 1

CUSTOMER REVISIONS			
REV	ECN	CHANGE	MODIFIED BY
1	24-0723	CREATED CUSTOMER SHEET	Austin Gemar