

4

3

2

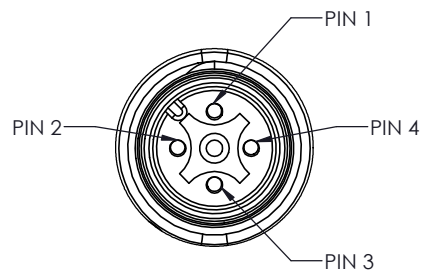
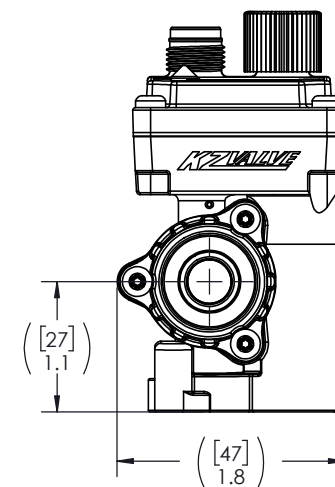
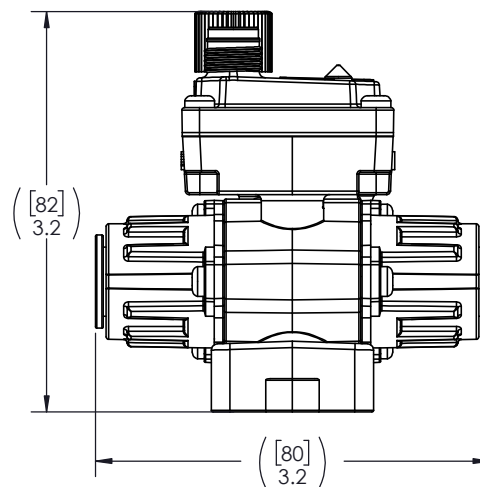
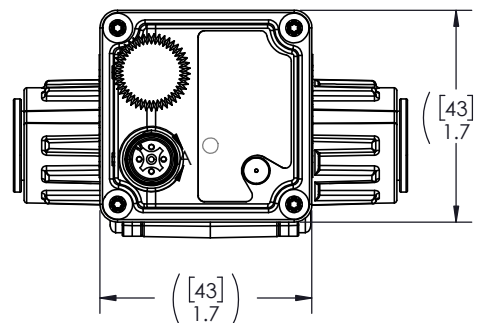
1


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

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

DESIGN NOTES:

1. PART NUMBER: NQZC28-1CEBS-R01
2. KZVALVE ACTUATOR SERIES: EH8
3. ACTUATION TIME @ 90 DEGREES: 0.2S @ 12 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, 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. CONTINUOUS (RUNNING STATE): 0.04 AMPS
 3. STALL (LOCKED ROTOR): 1.8 AMPS @ 12 VDC
 3. CONNECTION: M12 CONNECTION
 1. PIN MATERIAL: GOLD-PLATED BRASS
 4. PINOUT
 1. PIN 1 - POWER IN (+)
 2. PIN 2- (+) SIG TO OPEN
 3. PIN 3- (+) FEEDBACK AT CLOSED
 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: 5 GPM @ 1 PSI PRESSURE DIFFERENTIAL
 9. CONNECTIONS: 2X 1/2" PTC FITTINGS

DETAIL A
SCALE 3:1CONFORMS TO ASME
STANDARDS Y14.5-2009

-STANDARD TOLERANCES- -ALL DIMENSIONS IN INCHES [mm]-	
.X±0.1	TOTAL RUNOUT: .005 FIM CORNER BREAK: .001/.010 SURFACE FINISH: 125 µIN 
.XX±0.01	
.XXX±0.005	
.XX±1°	
DENSITY: 0.082 LBM/CU IN MASS: 0.381 LBM SURF AREA: 105.246 SQ IN VOLUME: 4.672 CU IN	

DESIGNED BY: Evan Schwahn

DRAWN BY: Evan Schwahn

APPROVED:

SCALE: 1:1

SIZE: B

MATERIAL:
AS NOTED**KZVALVE**23840 K2 PARKWAY
GREENWOOD, NE 68304 USA
PHONE: +1 402 944 2357
FAX: +1 402 944 2402TITLE: ACTUATED VALVE, EH8, 3/8" 2-WAY SS BALL,
1/2" PTC, 0.2S@12/24VDC, SINGLE M12 LED

PART NO: NQZC28-1CEBS-R01

REV: 13

DRAWING NO: NQZC28-1CEBS-R01

SHEET: 1 OF 1

4

3

2

1