

DESIGN NOTES:

1. PART NUMBER: TSL-40TL
2. EXPOSED MATERIALS: NYLON, POLYESTER FILM, GORTEX, GF PP
3. CONTROL TYPE(s): 2 MODES

1. ON/OFF

2. POSITIONABLE
4. CONNECTIONS:

1. CONTROLLER PINOUT

1. PIN 1 (RED): POWER IN (+) TO ACTUATOR

2. PIN 2 (BLACK): POWER IN (-) TO ACTUATOR

3. PIN 3 (GREEN): SIGNAL 2 (+) TO CLOSE

4. PIN 4 (WHITE): SIGNAL 1 (+) TO OPEN

5. PIN 5 : BLANK

6. PIN 6 : BLANK

7. PIN 7 (ORANGE): (+) FEEDBACK @ OPEN

8. PIN 8 (VIOLET): (+) FEEDBACK @ CLOSED

9. PIN 9: BLANK

10. PIN 10: BLANK

11. PIN 11 (BLACK): POWER IN (-) TO CONTROLLER

12. PIN 12 (RED): POWER IN (+) TO CONTROLLER

2. ACTUATOR PINOUT

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

2. PIN 2 (GREEN): SIGNAL 2 (+) TO CLOSE

3. PIN 3 (WHITE): SIGNAL 1 (+) TO OPEN

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

5. PIN 5 (ORANGE): (+) FEEDBACK @ OPEN

6. PIN 6 (VIOLET): (+) FEEDBACK @ CLOSED

5. COMPATIBLE ACTUATORS:

3. ANY ACTUATOR WITH 22XXX-XXX NUMBER SCHEME

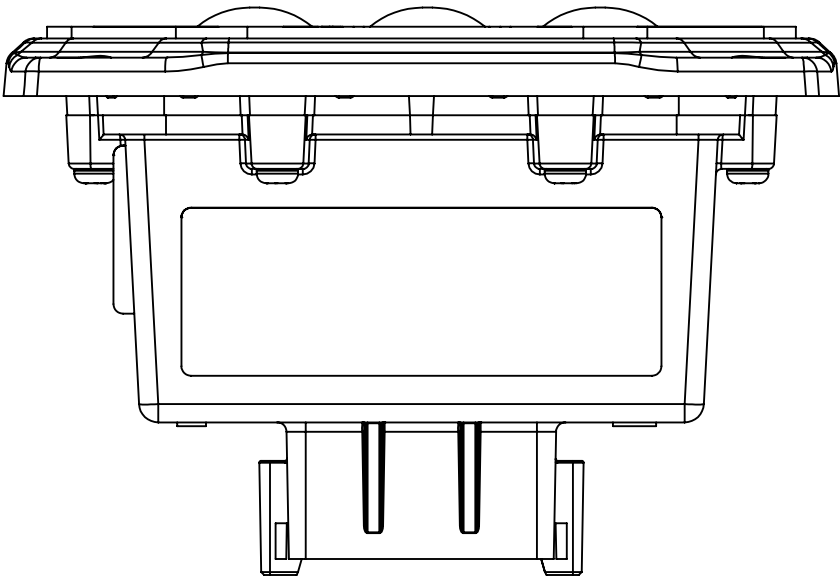
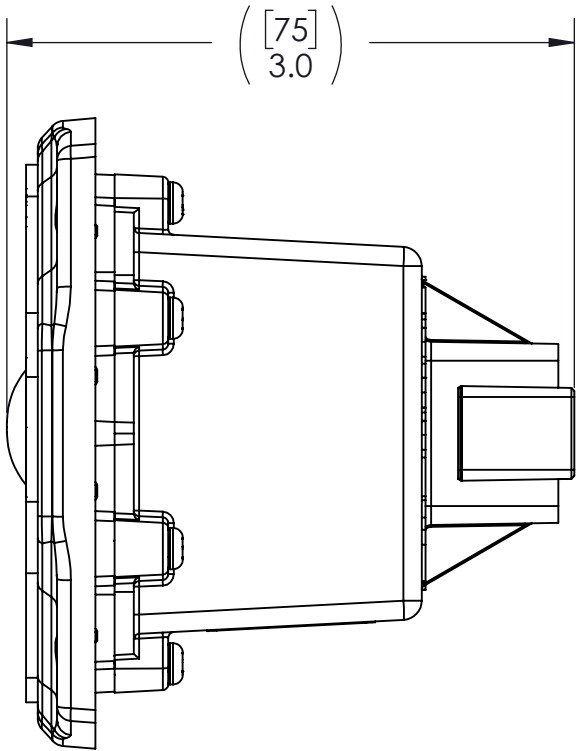
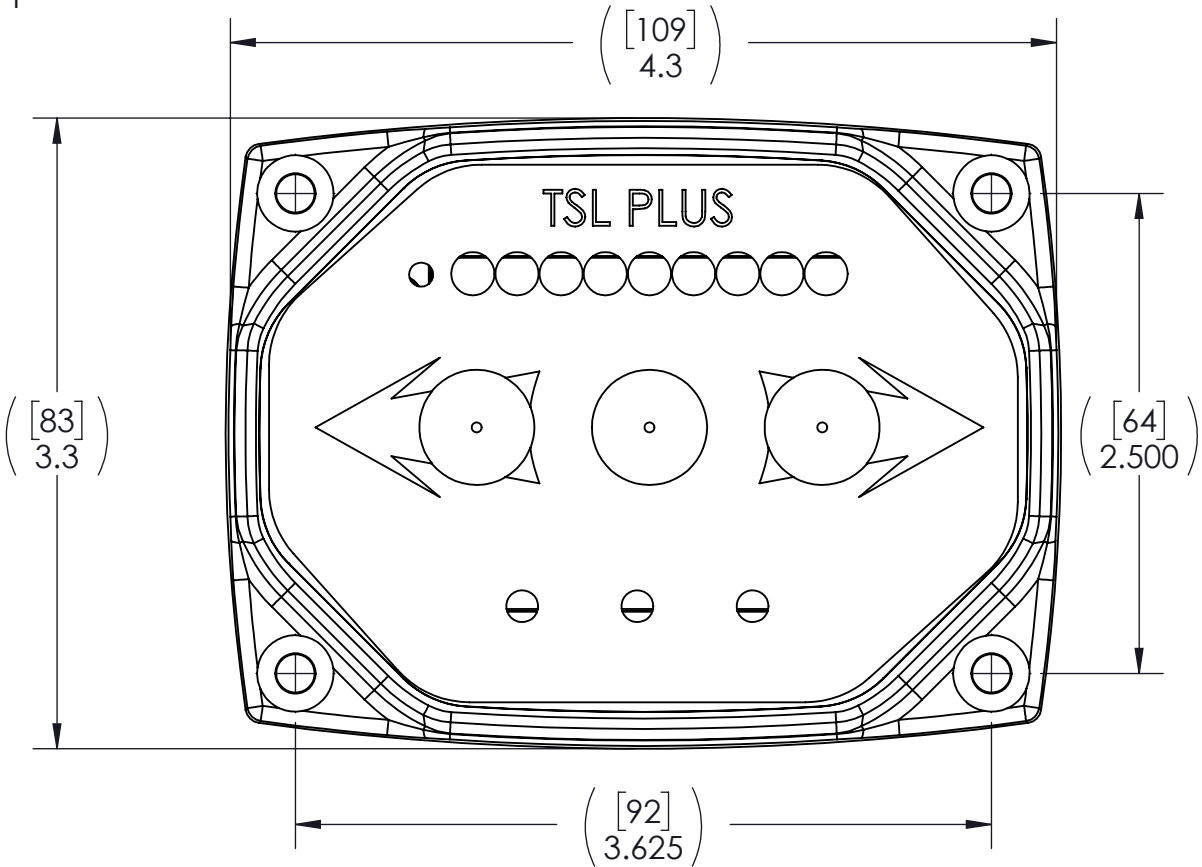
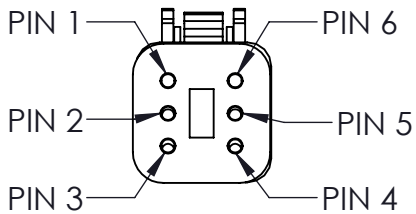
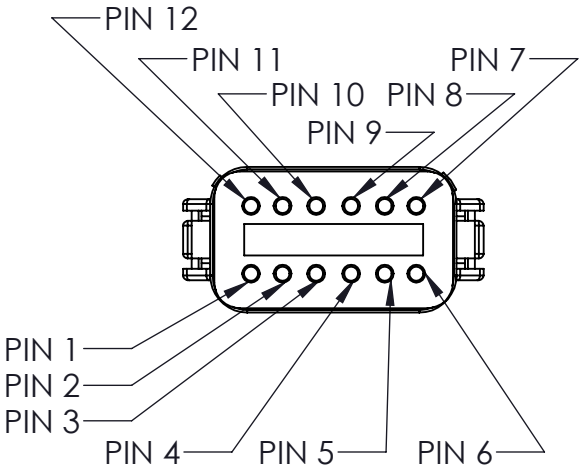


IMAGE OF MEMBRANE

MANUAL AVAILABLE UNDER PART NUMBER 509-0004

CONFORMS TO ASME  
STANDARDS Y14.5-2009

-STANDARD TOLERANCES- -ALL DIMENSIONS IN INCHES [mm]-	
.X±0.1	TOTAL RUNOUT: .005 FIM
.XX±0.01	CORNER BREAK: .001/.010
.XXX±0.005	SURFACE FINISH: 125 µIN
.XX°±1°	
DENSITY: 0.669 LBM/CU IN	
MASS: 5.690 LBM	
SURF AREA: 198.894 SQ IN	
VOLUME: 8.508 CU IN	

DESIGNED BY: Austin Gemar

DRAWN BY: Austin Gemar

APPROVED:

SCALE: 1:4

SIZE: B

MATERIAL:  
AS NOTED

**KZVALVE**

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GREENWOOD, NE 68366 USA  
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TITLE: CONTROLLER, SC, TL MASTER 35'

PART NO: TSL-40TL

REV:

DRAWING NO: TSL-40TL

SHEET: 1 OF 1