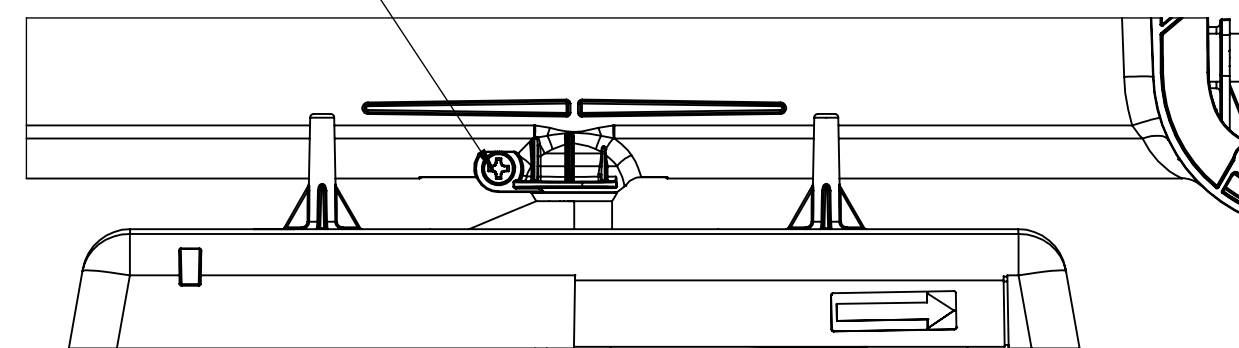


ASSEMBLED BATTERY
PACK AND HARDWARE
SHIPPED ALONGSIDE
ASSEMBLED VENT.
DO NOT INSTALL.

TORQUE M2 BALLJOINT SCREW
TO SPECIFIED TORQUE\

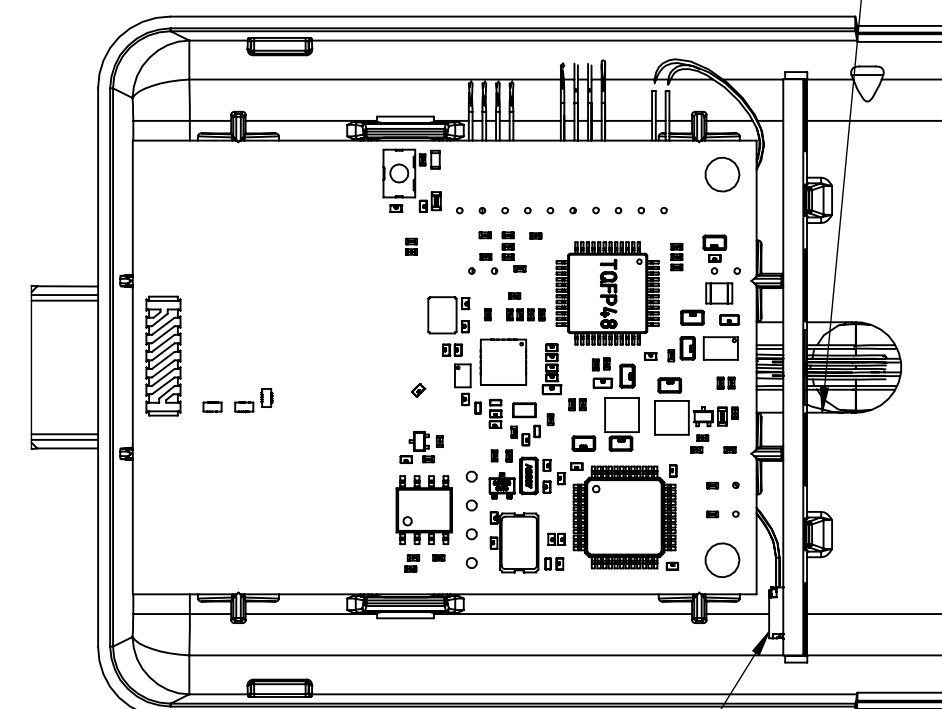


GENERAL NOTES

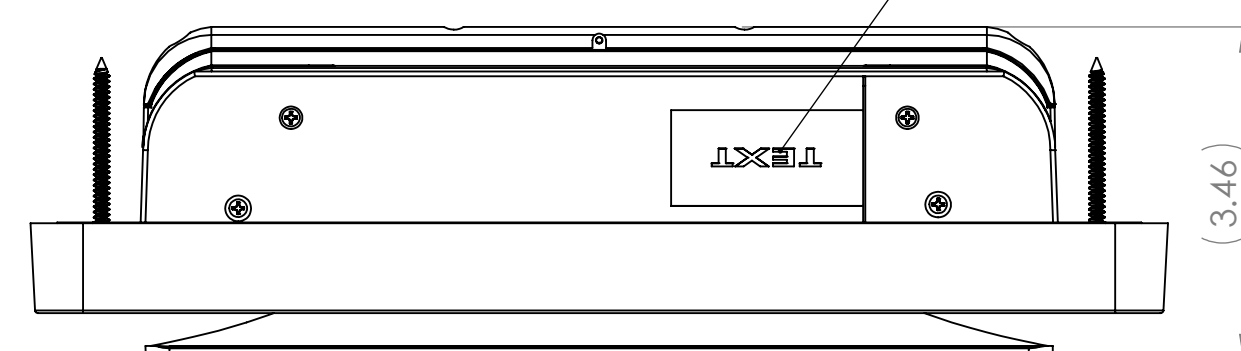
1. SEE ARENA PLM FOR PART NUMBER REFERENCE DESIGNATORS AND CURRENT REVISIONS
2. ALL DIMENSIONS ARE APPLIED TO TOLERANCES THAT MAY REQUIRE SPECIAL QUALITY CONTROL PROCESSES. QUALITY CONTROL INSTRUCTIONS ARE OUTSIDE THE SCOPE OF THIS DRAWING AND ARE DEFINED BY EXTERNAL DOCUMENTATION TO BE AGREED TO WITH THE MANUFACTURER
3. ALL DIMENSIONS AND TOLERANCES MUST BE HELD REGARDLESS OF THE USE OF QUALITY CONTROL SYMBOLS (♦)
4. [X.XX] DIMENSIONS ARE USED AS REFERENCE ONLY AND ARE NOT SUBJECT TO TOLERANCES.
5. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE APPLICABLE AT 20 DEGREES CELSIUS (68 DEGREES FAHRENHEIT) IN ACCORDANCE WITH ANSI/ASME B89.2.
6. ALL HOMOGENEOUS MATERIALS AND PROCESSES IN THIS DRAWING SHALL BE COMPLIANT TO THE EU RoHS DIRECTIVE 2011/65/EC
7. REFER TO DETAILED WORK INSTRUCTIONS FOR ASSEMBLY SPECIFICATIONS SUCH AS SCREW TORQUE AND GLUE VOLUME.

CORRECT POSITIONING OF VENT PCB, POWER PCB, AND WIRES.

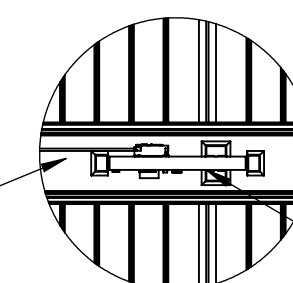
ENSURE WIRES ARE
BENEATH BATTERY BOARD

MOLEX ON THIS SIDE
OF BATTERY BOARD

APPLY VENT ID
LABEL HERE,
NOTE ORIENTATION

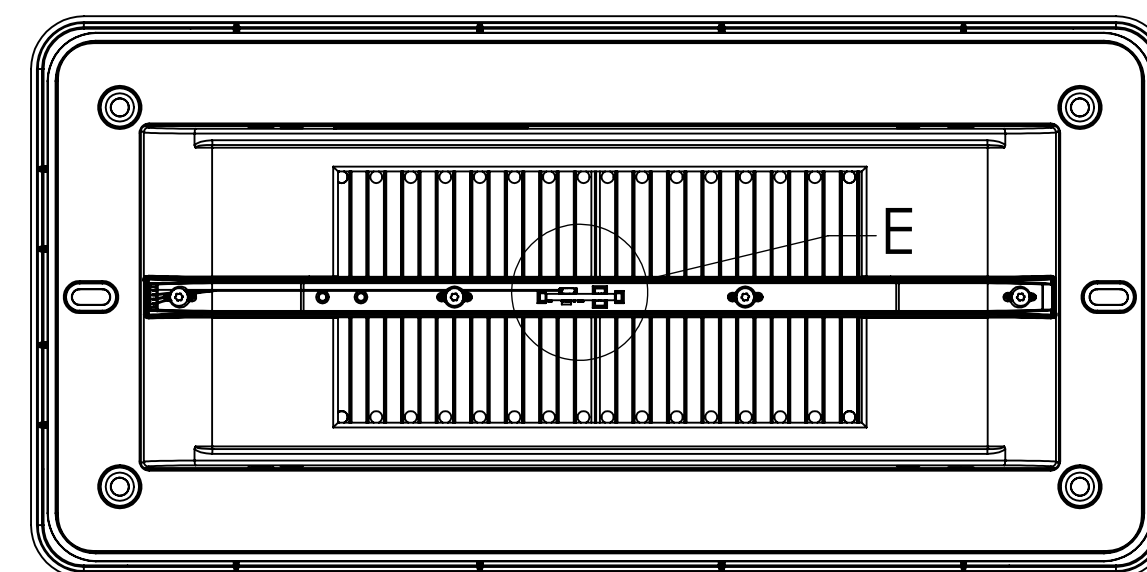
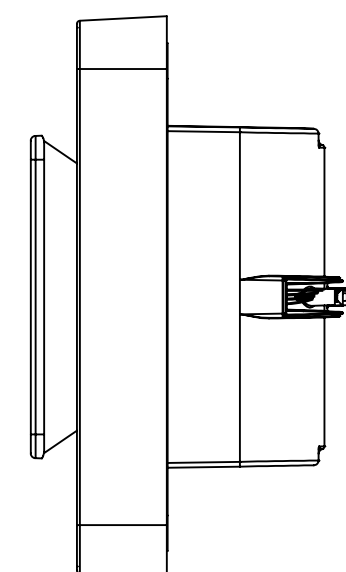


PRESSURE SENSOR WIRE ORIENTATION



— MOUNTING POSITION OF PRESSURE SENSOR

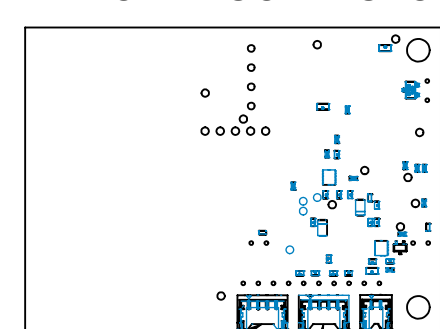
DETAIL E
SCALE 1:1



ASSEMBLY OVERVIEW:
(FOR REFERENCE ONLY. REFER TO DETAILED WORK INSTRUCTIONS FOR
PRODUCTION ASSEMBLY INSTRUCTIONS)

1. REMOVE THE MAGNETIC FACEPLATE COVER.
2. REMOVE THE VENT BOARD COVER FROM THE BALLJOINT FACEPLATE.
3. ATTACH THE BATTERY POWER CABLE TO THE BATTERY PCA.
4. INSERT THE BATTERY PCA AS SHOWN. ENSURE SNAPS ARE FULLY ENGAGED. ENSURE WIRES ARE ROUTED BENEATH THE BOARD AS SHOWN.
5. CONNECT THE THREE CABLE HARNESSSES TO THE VENT BOARD AS SHOWN. ENSURE THE MOLEX CONNECTORS ARE FULLY SEATED.
6. PLACE THE VENT BOARD INTO POSITION AND SNAP THE VENT BOARD COVER ON TOP OF IT. ENSURE THE WIRES ARE NOT TANGLED OR DAMAGED, AND ARE HIDDEN UNDER THE BOARD.
7. REMOVE TAPE AND REMOVE THE PRESSURE SENSOR COVER.
8. ATTACH THE PRESSURE SENSOR BOARD TO THE PRESSURE SENSOR CABLE HARNESS. SEAT THE PRESSURE SENSOR IN POSITION ON THE MAIN BODY AS SHOWN.
9. USE SCREWS TO ATTACH THE PRESSURE SENSOR COVER TO THE MAIN BODY WHERE SHOWN.
10. APPLY 1 VENT ID LABEL CENTERED ON THE VENT BOARD COVER. ENSURE THAT THE NOTCHED EDGE IS ORIENTED AWAY FROM THE BATTERY PACK.
11. APPLY 1 VENT ID LABEL ONTO THE MAIN BODY AS SHOWN. ENSURE THE NOTCHED EDGE IS ALIGNED WITH THE CUTOUT.
12. INSERT THE 4 BATTERIES INTO THE BATTERY PACK. USE THE POLARITY INDICATORS ON THE BATTERY PACK TO ENSURE CORRECT POLARITY.
13. APPLY 2 ARROW STICKERS TO THE BATTERY PACK AS SHOWN.
14. APPLY 1 ARROW STICKER TO THE BALLJOINT FACEPLATE AS SHOWN.
15. REMOVE THE MAGNETIC FRAME.
16. TORQUE THE M2 BALLJOINT SCREW TO TORQUE SPECIFIED IN THE DETAILED WORK INSTRUCTIONS.
17. RE-ATTACH THE MAGNETIC FRAME.
18. RE-ATTACH THE MAGNETIC FACEPLATE COVER.
19. BAG THE #8X2 SCREWS AND #8 WASHERS AS SHOWN IN DETAILED WORK INSTRUCTIONS.
20. THE ASSEMBLED BATTERY PACK AND BAGGED HARDWARE ARE SHIPPED ALONGSIDE THE VENT. DO NOT INSTALL THESE ITEMS.

VENT BOARD CONNECTIONS



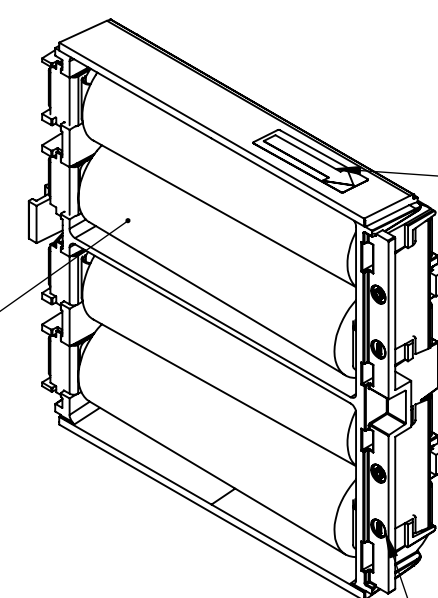
PRESSURE SENSOR
(BLACK WIRE, 4 PINS)

MOTOR
(COLORED WIRES)

PO
(BLACK W

POWER
(BLACK WIRE, 2 PINS)

INSERT BATTERIES
AS SHOWN,
4 PLACES

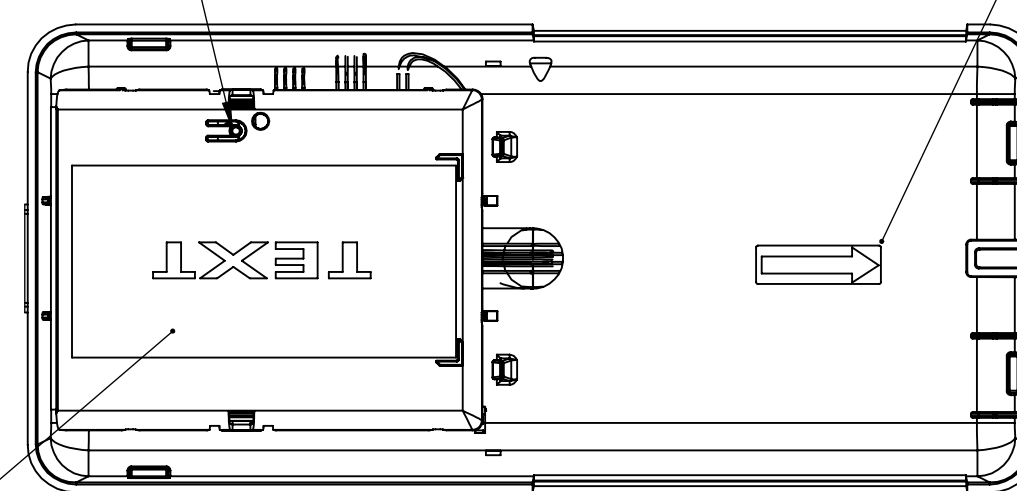


—APPLY ARROW
STICKER TO BATTERY
PACK HERE, AND ON
MIRRORED FACE.
2 PLACES

POLARITY INDICATORS

INSTALLED VENT BOARD ORIENTATION.
NOTE RESET BUTTON LOCATION.

APPLY VENT ID LABEL HERE,
NOTE ORIENTATION.



APPLY ARROW
STICKER TO BALLJOINT
FACEPLATE, 1 PLACE

| | | | | |
|-----------------------|--|--------|---------|----|
| DRAWING NO. 201-00011 | | | | |
| REV. | DESCRIPTION | ECO | DATE | BY |
| A | INITIAL RELEASE (FROM 901-00011 DRAWING) | 000082 | 3/25/16 | AK |
| B | DRAWING AND PART NUMBER UPDATE | 000040 | 3/25/16 | AK |
| C | LABEL ORIENTATION | 000044 | 3/29/16 | AK |

DO NOT SCALE DRAWING. WORK TO DIMENSION

IF PLATING IS SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING

1. ALLOWED DIM. VARIATION: 0.005" (0.127mm) ANGLES=0+0.5°

2. ALL RIGHT ANGLES=90°

3. DIMENSIONS GIVEN IN INCHES

CONCENTRICITY=0.001 I.R.

NOTICE: CHANGES TO MATERIAL, DESIGN, CONFIGURATION OR PROCESS MAY NOT BE MADE WITHOUT NOTIFICATION TO ECOCENT. ALL MATERIALS AND PROCESSES MUST BE COMPLIANT WITH ENVIRONMENTAL LAWS AND REGULATIONS AS REFERENCED IN INDEX.

| | | | |
|-----------|--------|-------|----------------|
| MATERIAL: | DESIGN | CNC | CLASSIFICATION |
| | ★ ★ ★ | ★ ★ ★ | ECR/ITAL |
| | ◆ ◆ ◆ | ◆ ◆ ◆ | 316/304 |

REVIEW:

DATE:

TITLE: VENT 10X4 CEILING

PART NO: 901-00011

SHEET 1 OF 1

SCALE: 1/2"

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