

NOTES:

1. INSTALL LOCKWASHER (ITEM 3) TO RECEPTACLES (2X) PRIOR TO INSERTING INTO PLASTIC HOUSING.
- INSERT RECEPTACLE WITH LOCK WASHERS INTO HOLES WHILE ENSURING ALIGNMENT OF KEY AND SLOT.
- INSTALL EXTERIOR LOCK WASHERS (ITEM 3) AND NUTS (ITEM 4). TORQUE TO 10 +/- 2 IN-LB."
2. ENSURE THAT ALL WIRES ARE NOT PINCHED OR DAMAGED AND ATTACH THE POTTED SENSOR MODULE HOUSING ASSY (ITEM 1) TO THE POTTED SENSOR MODULE COVER ASSY (ITEM 1) USING SCREWS (ITEM 5) AND TORQUE TO 10 ± 2 IN-LB.
3. ATTACH THE BATTERY CAP ASSEMBLY (ITEM 2) WITH ISOLATOR LABEL (ITEM 6) PLACED OVER COVER BATTERY CONTACTS. TORQUE TO 20 ± 2 IN-LB.
4. PROGRAM FINISHED ASSEMBLY TO PROPER CONFIGURATION (DASH NUMBER) USING THE PROPER PAK-TRACKER FIRMWARE (ITEM 11).
5. COMPLETED SENSOR ASSEMBLY (201846-XX), SHALL MEET THE REQUIREMENTS OF 3M | SCOTT ENGINEERING ACCEPTANCE TEST REQUIREMENTS 78-8151-5322-2 (ITEM 12).
6. FEATURES AND / OR NOTES CRITICAL TO QUALITY ARE SPECIFIED WITH:

PART NUMBER	3M 11-DIGIT ID	DESCRIPTION
201846-01	78-8151-4809-9	ASSY, SENSOR MODULE

4100082004

P/N 201846-01

SENSOR MOD ASSY, XD-2018

FCC ID: DGFPD201846

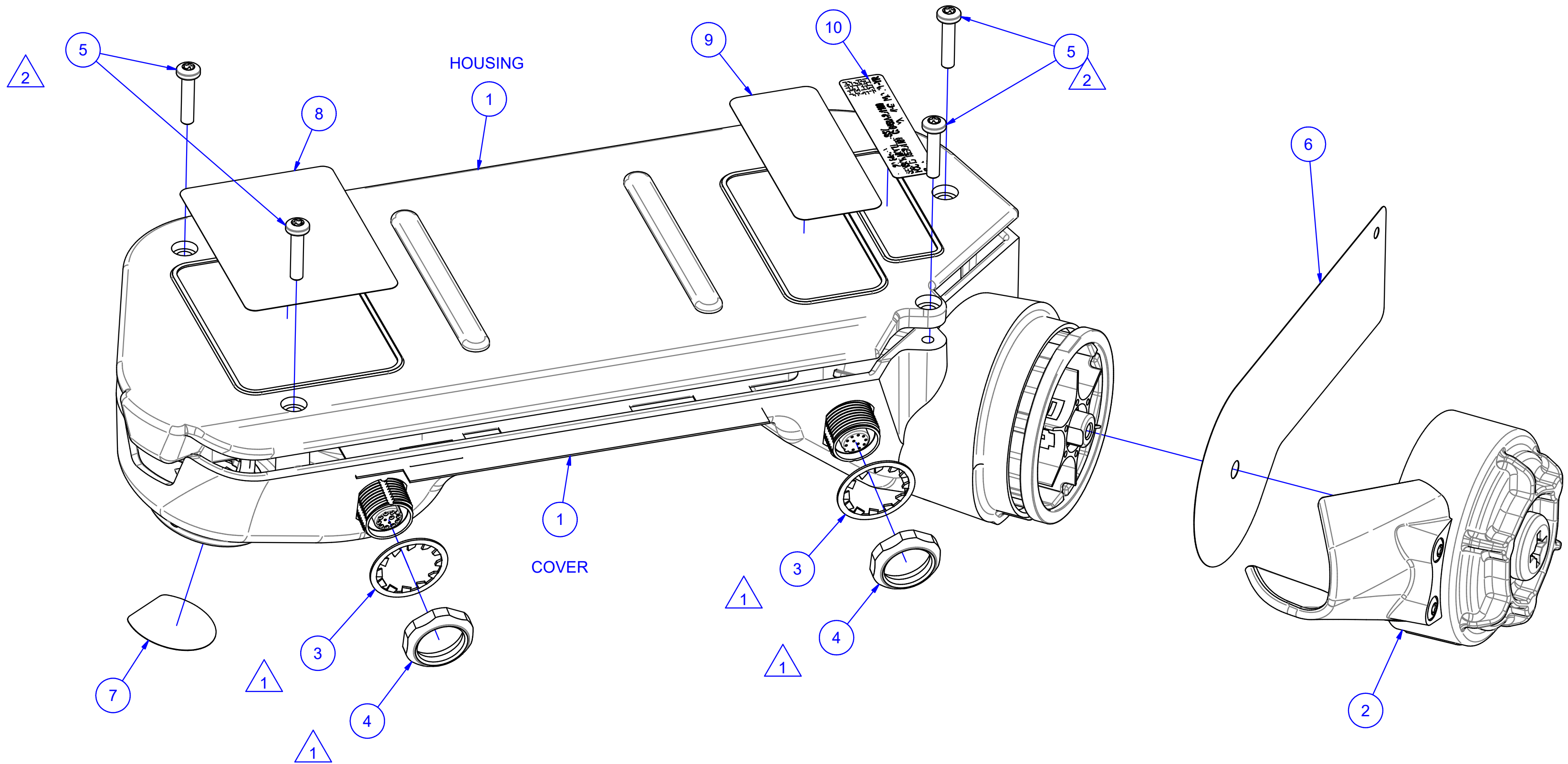
IC: 458A-PSD201846

CONTAINS FCC ID: SQGBL5340

IC: 3147A-BL5340

SN 000000100009247991

24/12/11



REVISION					
REV	ECO Nr.	DESCRIPTION	DATE	ENGINEER	CHECKED BY
A	0110325	INITIAL RELEASE	4/21/2022	C. DANNER	D.CLARK
B	0111783	ALIGN DRAWING REVISION. NO CHANGE	10/11/2023	E.BASSANI	D.CLARK
C	0114094	REVISE BOM ITEM 8,9,10	1/23/2024	E.BASSANI	D.PLUMMER
D	0114931	PLM BOM CORRECTION ONLY. NO CHANGE TO PRODUCT BOM, DESIGN OR DRAWING	3/6/2024	E.BASSANI	D.CLARK
E	0121021	REVISE NOTE 1, ITEM 3 WAS QTY 2, NOW QTY 4. REVISE FIRMWARE ITEM 11	1/21/2025	E.BASSANI	D.PLUMMER

REF	78-8151-5322-2	78-8151-5322-2	TEST REQ FOR 78-8151-4139-1		12
1	78-8151-6406-2	78-8151-6406-2	FIRMWARE, PASS		11
1	78-8151-6599-4	78-8151-6599-4	LABEL, ID, XD SENSOR		10
1	78-8151-6598-6	78-8151-6598-6	LABEL, IS, XD SENSOR		9
1	78-8151-6597-8	78-8151-6597-8	LABEL, WARNING, XD SENSOR		8
2	201177-01	78-0082-0216-6	LABEL, PIEZO, PAK-TRACKER		7
1	31001626	78-0081-6278-2	Label, Battery Isolater		6
4	78-8151-2959-4	78-8151-2959-4	SCREW, PAN HD, #6x1/2", PLASTITE, TORX, SS, BLK		5
2	31001266	78-0081-6118-0	NUT, RECEPTACLE		4
4	31001380	78-0081-9216-9	LOCK WASHER, RECEPTACLE		3
1	70-0020-0962-2	70-0020-0962-2	BATTERY CAP ASSY, SENSOR MODULE		2
1	78-8151-4139-1	78-8151-4139-1	SENSOR MODULE HOUSING ASSY		1
QTY -01	PART NUMBER	3M 11-DIGIT ID	DESCRIPTION	NOTE	ITEM

THE INFORMATION INCLUDED ON THIS DRAWING INCLUDING, WITHOUT LIMITATION, ALL ITEMS, ASSEMBLIES, SPECIFICATIONS AND DIMENSIONS, IS CONFIDENTIAL, PROPRIETARY TO AND THE PROPERTY OF 3M COMPANY AND/OR SCOTT TECHNOLOGIES INC. AND MAY NOT IN WHOLE OR IN PART BE USED FOR ANY PURPOSE, REPRODUCED, OR DISCLOSED TO ANY THIRD PARTY WITHOUT OBTAINING THE EXPRESS WRITTEN AUTHORIZATION OF 3M COMPANY OR SCOTT TECHNOLOGIES, INC. *** ALL MATERIALS MUST BE COMPLIANT WITH THE EUROPEAN UNION ROHS DIRECTIVE. ***

DRAWN BY
D. CLARK
DESIGNED BY
C. DANNER
APPROVED BY
D.PLUMMER

4/21/2022
4/21/2022
4/21/2022

3M | DSCOTT

3M | Scott Fire & Safety
4320 Goldmine Road
Monroe, NC 28110

TITLE

SENSOR MODULE ASSY

SIZE
D 15927

CAGE CODE
78-8151-4809-9

DRAWING NUMBER
201846

REV
E

SCALE
1/1

SHEET
1 OF 1

Notice

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EXPLOSIVE ATMOSPHERES NOTICE
SCHEDULE DOCUMENT

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DECIMAL .XX .XXX
ANGLE ± 1/2°
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
ALL DIMENSIONS AFTER PLATING.