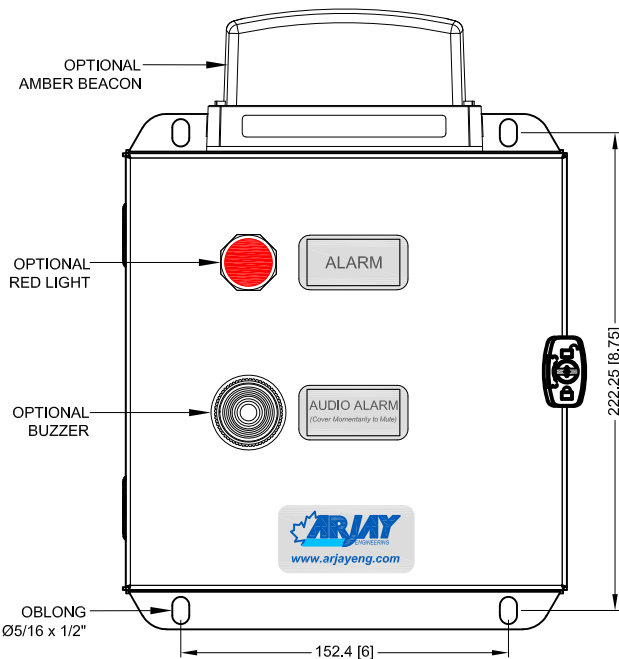
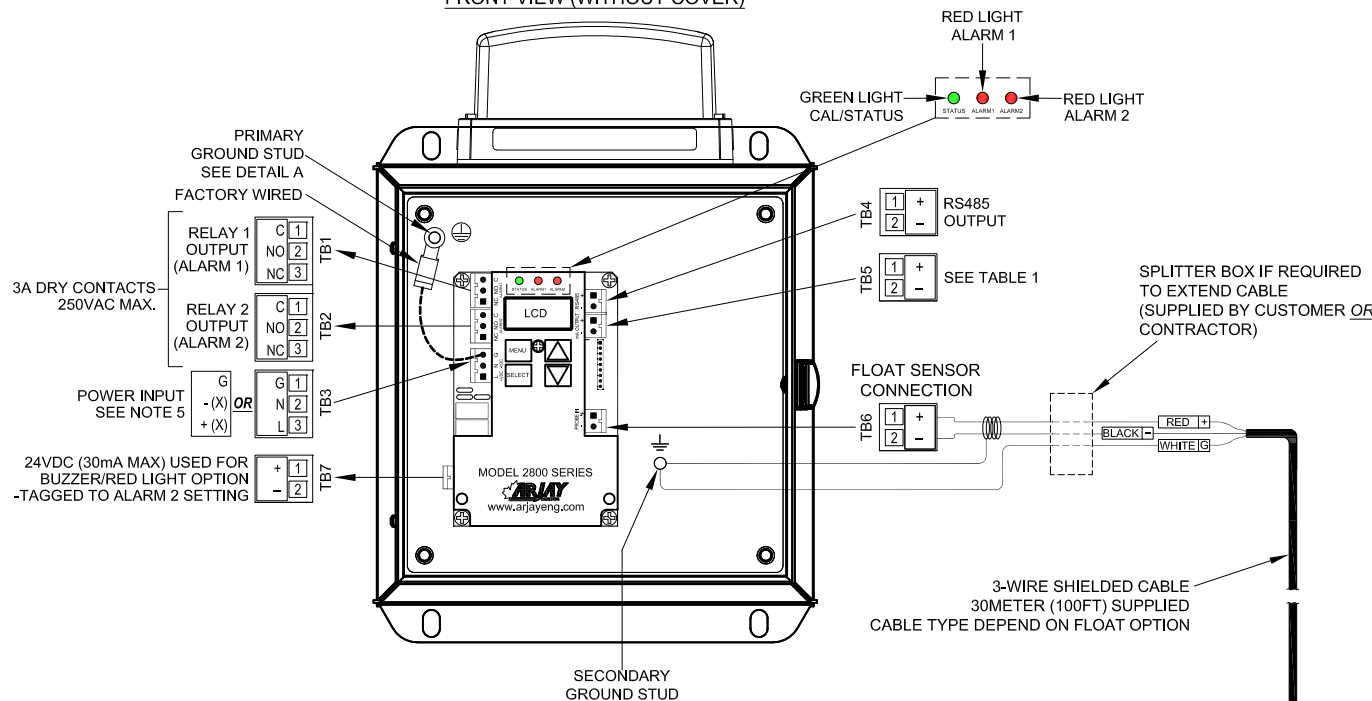


**CONTROLLER ENCLOSURE
FRONT VIEW (WITH COVER)**



**MAIN ENCLOSURE
FRONT VIEW (WITHOUT COVER)**



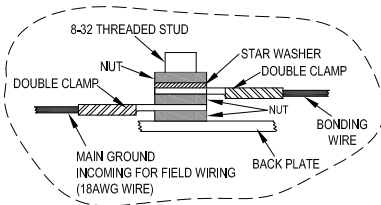
SPLITTER BOX IF REQUIRED TO EXTEND CABLE (SUPPLIED BY CUSTOMER OR CONTRACTOR)

3-WIRE SHIELDED CABLE 30METER (100FT) SUPPLIED CABLE TYPE DEPEND ON FLOAT OPTION

SEE DRAWING 20170862 FOR FLOAT OPTIONS

TABLE 1: mA Outputs

FOR A00765 SENSOR FLOAT	FOR A00761 & S00380 SENSOR FLOAT
4-20mA OUTPUT or 0-20mA OUTPUT	4/20mA OUTPUT Where: 4mA = Normal AND 20mA = Alarm BASED ON ALARM 1



DETAIL A

GENERAL NOTES:

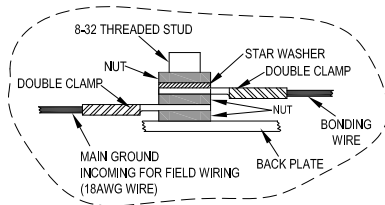
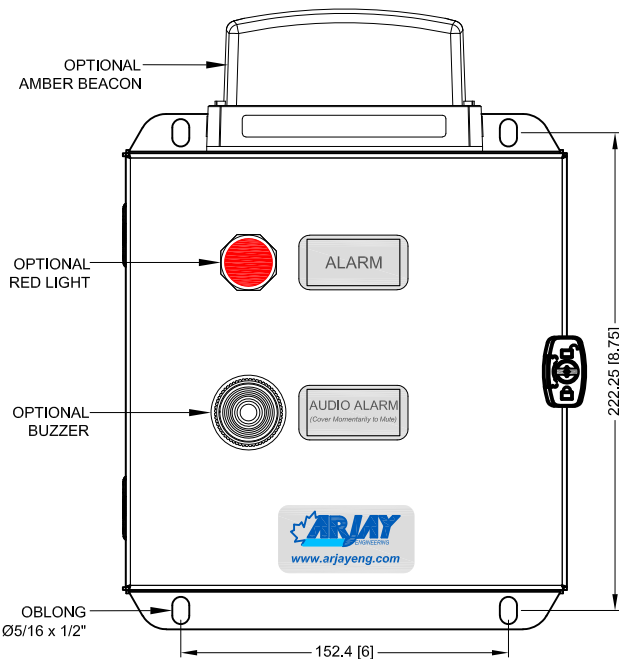
- DIMENSIONS ARE IN mm [inches].
- TOLERANCE +1mm (0.04 inches).
- CONTROLLER ENCLOSURE (STANDARD):**
 - MATERIAL: NEMA 4-12 (IP66) STEEL WITH POLYESTER POWDER BLUE (RAL5015) PAINT.
 - MODEL: EXM 5412 ESCH080804.
 - OUTSIDE DIMENSIONS: 203.2 X 203.2 X 101.6D (8 X 8 X 4D).
 - MOUNTING DIMENSIONS: 222.25 X 152.4 (8.75 X 6).
- CONTROLLER ENCLOSURE (OPTIONAL):**
 - MATERIAL: TYPE 4X POLYCARBONATE OPAQUE LIGHT GRAY WITH A GLOSS FINISH.
 - MODEL: INTEGRA ENCLOSURE H8084HLL.
 - OUTSIDE DIMENSIONS: 214 X 214 X 139D (8.44 X 8.44 X 5.47D).
 - MOUNTING DIMENSIONS: 241 X 133 (9.5 X 5.25).
- POWER INPUT:**
 - VOLTAGE AS PER ORDER
 - 12VDC or 24VDC or 100-240VAC, 50/60Hz.
 - TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS.

CERTIFICATION:

- CONTROLLER ORDINARY LOCATION RATING:**
- UL FILE NUMBER: E343390
 - UL / IEC 61010-1, 2ND EDITION, 2008/10/28
 - CAN/CSA-22.2 NO. 61010-1, 2ND EDITION, 2008/10/01
 - CE: UL / IEC 61010-1; IEC / EN 61000-4; ISO 9001:2008

REV	DATE	DESCRIPTION	CHKD	APPD
REVISIONS				
		PROJECT		
DWG. STATUS	BY	DATE	TITLE	
DRAWN	F.H.	20/07/20	2852-HCF2 SERIES MAIN CONTROLLER DIMENSION & OVERVIEW DRAWING	
CHECKED				
APPROVED				
SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT. REV.
N.T.S.		20170860		1 0

**CONTROLLER ENCLOSURE
FRONT VIEW (WITH COVER)**



DETAIL A

**MAIN ENCLOSURE
FRONT VIEW (WITHOUT COVER)**

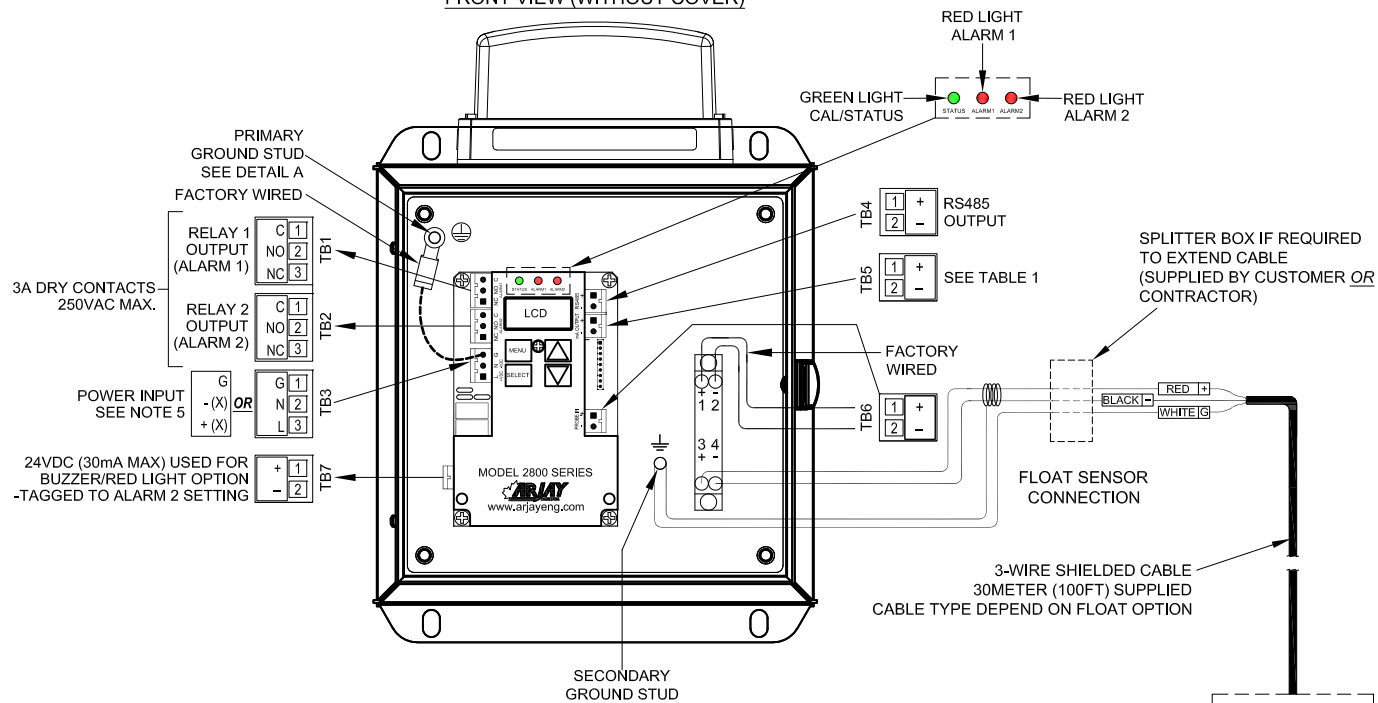


TABLE 1: mA Outputs

FOR A00765 SENSOR FLOAT	FOR A00761 & S00380 SENSOR FLOAT
4-20mA OUTPUT or 0-20mA OUTPUT	4/20mA OUTPUT Where: 4mA = Normal AND 20mA = Alarm BASED ON ALARM 1

**SEE DRAWING
20170862
FOR FLOAT
OPTIONS**

GENERAL NOTES:

- DIMENSIONS ARE IN mm [inches].
- TOLERANCE +1mm (0.04 inches).
- CONTROLLER ENCLOSURE (STANDARD):**
 - MATERIAL: NEMA 4-12 (IP66) STEEL WITH POLYESTER POWDER BLUE (RAL5015) PAINT.
 - MODEL: EXM 5412 ESCH080804.
 - OUTSIDE DIMENSIONS: 203.2 X 203.2 X 101.6D (8 X 8 X 4D).
 - MOUNTING DIMENSIONS: 222.25 X 152.4 (8.75 x 6).
- CONTROLLER ENCLOSURE (OPTIONAL):**
 - MATERIAL: TYPE 4X POLYCARBONATE OPAQUE LIGHT GRAY WITH A GLOSS FINISH.
 - MODEL: INTEGRA ENCLOSURE H8084HLL.
 - OUTSIDE DIMENSIONS: 214 X 214 X 139D (8.44 X 8.44 X 5.47D).
 - MOUNTING DIMENSIONS: 241 X 133 (9.5 x 5.25).
- POWER INPUT:**
 - VOLTAGE AS PER ORDER
 - 12VDC or 24VDC or 100-240VAC, 50/60Hz.
 - TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS.

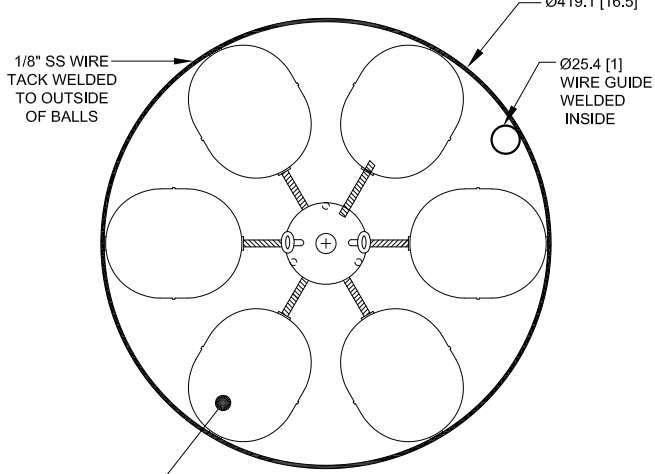
CERTIFICATION:

- CONTROLLER ORDINARY LOCATION RATING:**
- UL FILE NUMBER: E343390
 - UL / IEC 61010-1, 2ND EDITION, 2008/10/28
 - CAN/CSA-22.2 NO. 61010-1, 2ND EDITION, 2008/10/01
 - CE: UL / IEC 61010-1; IEC / EN 61000-4; ISO 9001:2008
- INTRINSICALLY SAFE LOCATION RATING FOR NORTH AMERICA & INTERNATIONAL:**
- Class I, Division 1, Group A,B,C,D T4;
 - Class II, Division 1, Group E,F,G
 - Class III, Division 1: Ex ia IIC T4 Ga
 - Class I, Zone 0, AEx ia IIC T4 Ga
 - Ta: -40°C to +55°C

REV	DATE	DESCRIPTION	CHKD	APPD
REVISIONS				
		PROJECT		
DWG. STATUS	BY	DATE	TITLE	
DRAWN	F.H.	20/07/20	2852-HCF2 SERIES MAIN CONTROLLER WITH INTRINSICALLY SAFE BARRIER DIMENSION & OVERVIEW DRAWING	
CHECKED				
APPROVED				
SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT. REV.
N.T.S.		20170861		1 0

**FLOAT
PART# A00765**

CIRCULAR DIA. OF FLOAT SENSOR = 419.1 [16.5"]
STANDARD SIZE SHOWN
CUSTOM SIZES ARE AVAILABLE



Ø101.6 x 127 [Ø4.0 x 5"]
2 PORT OBLONG FLOAT (316SS)

3-WIRE SHIELDED 20AWG
(BELDEN 8772 OR EQUIVALENT)
MAX. 1km
(30METER [100FT] SUPPLIED)

PMC2800 PULSE CARD &
CABLE POTTED AT SENSOR

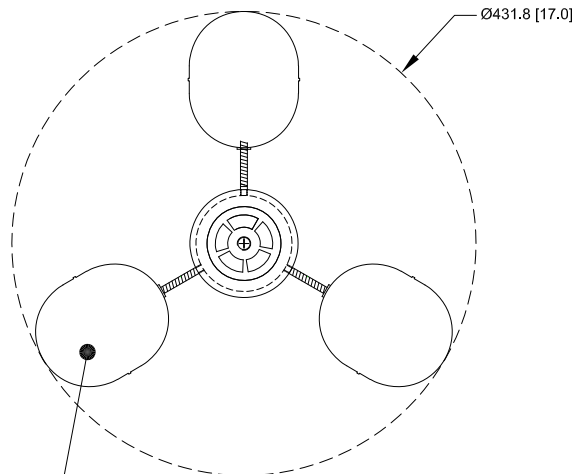
304.8 [12]
BETWEEN OUTSIDE
THE PLATES

FRONT VIEW (NTS)

FLOAT SENSOR (P/N: A00765)

**FLOAT
PART# A00761**

CIRCULAR DIA. OF FLOAT SENSOR = 431.8 [17"]
STANDARD SIZE SHOWN
CUSTOM SIZES ARE AVAILABLE



Ø101.6 x 127 [Ø4.0 x 5"]
1 PORT OBLONG FLOAT (316SS)

3-WIRE SHIELDED 20AWG
(BELDEN 8772 OR EQUIVALENT)
MAX. 1km
(30METER [100FT] SUPPLIED)

PMC2800 PULSE CARD &
CABLE POTTED AT SENSOR

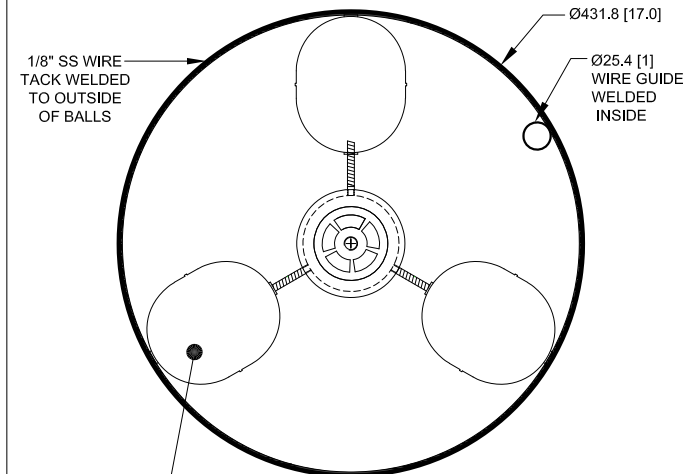
100.7 [3.96]

FRONT VIEW (NTS)

FLOAT SENSOR (P/N: A00761)
STANDARD MATERIAL: PVC
TEMPERATURE: 55°C MAX.

**FLOAT
PART# S00380**

CIRCULAR DIA. OF FLOAT SENSOR = 431.8 [17"]
STANDARD SIZE SHOWN
CUSTOM SIZES ARE AVAILABLE



Ø101.6 x 127 [Ø4.0 x 5"]
2 PORT OBLONG FLOAT (316SS)

3-WIRE SHIELDED 20AWG
(BELDEN 8772 OR EQUIVALENT)
MAX. 1km
(30METER [100FT] SUPPLIED)

PMC2800 PULSE CARD &
CABLE POTTED AT SENSOR

FRONT VIEW (NTS)

FLOAT SENSOR WITH RING (P/N: S00380)
STANDARD MATERIAL: PVC
TEMPERATURE: 55°C MAX.

GENERAL NOTES:

1. DIMENSIONS ARE IN mm [inches].
2. TOLERANCE +1mm (0.04 inches).
3. MAKE SURE JUNCTION BOX IS ELECTRICALLY GROUNDED VIA SEPARATE GROUND WIRE.

REV	DATE	DESCRIPTION	CHKD	APPD

REVISIONS

PROJECT

TITLE

DWG. STATUS	BY	DATE	TITLE	
DRAWN	F.H.	20/07/20	HCF2 STANDARD SENSOR FLOATS OPTION DIMENSION & OVERVIEW DRAWING	
CHECKED				
APPROVED				
SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT. REV.
N.T.S.		20170862		1 0