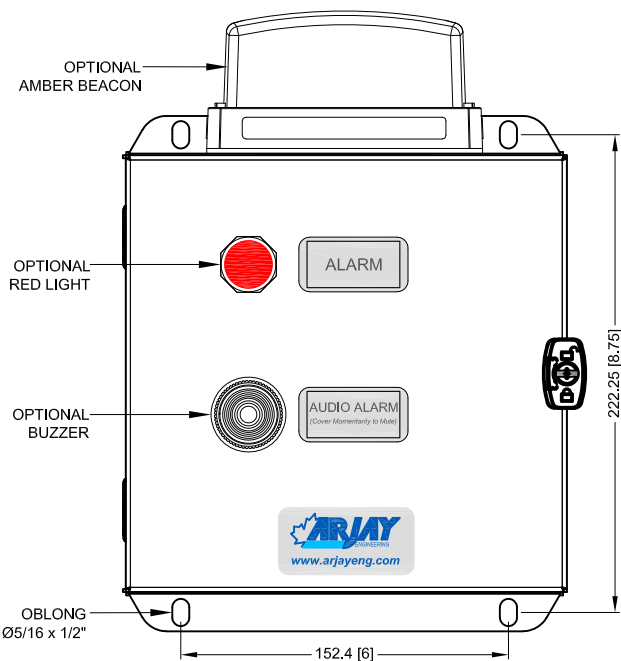


**CONTROLLER ENCLOSURE
FRONT VIEW (WITH COVER)**



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

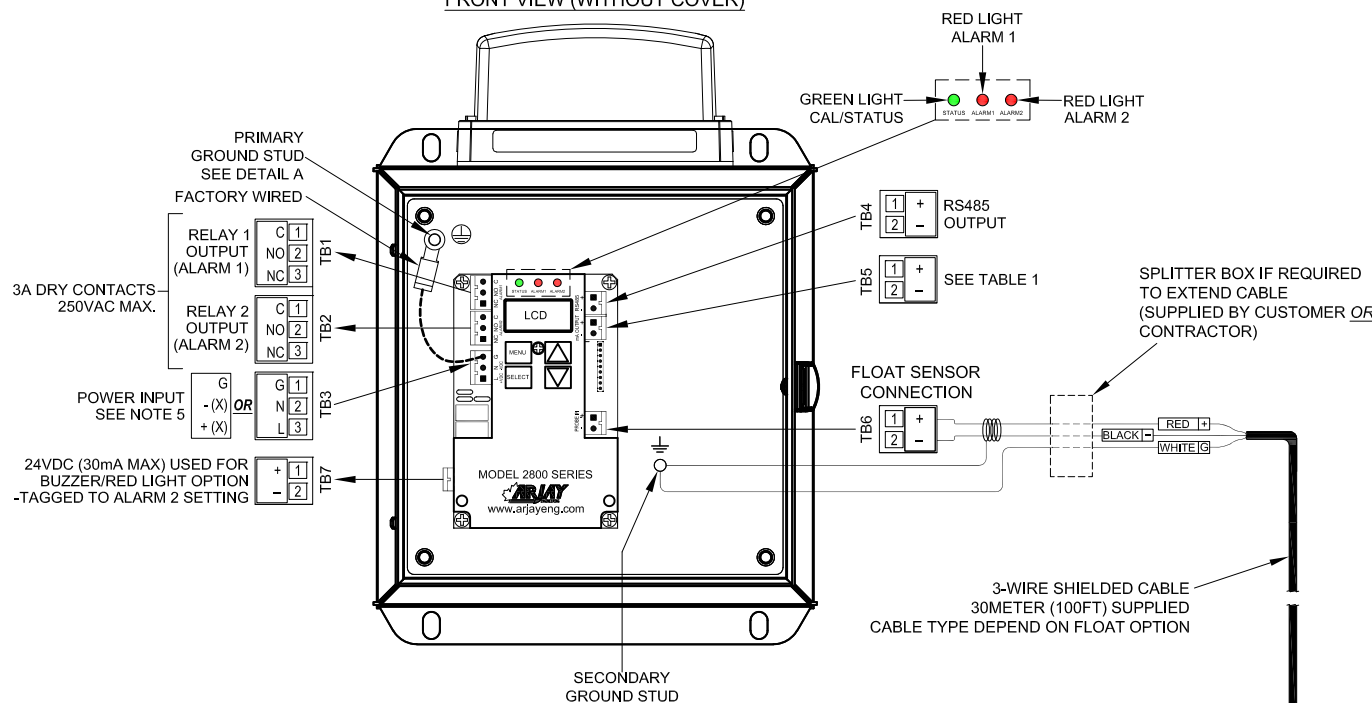
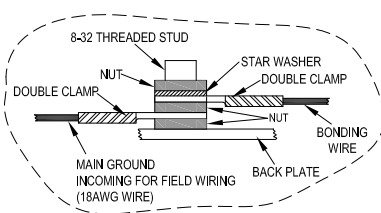


TABLE 1: mA Outputs

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**



DETAIL A

GENERAL NOTES:

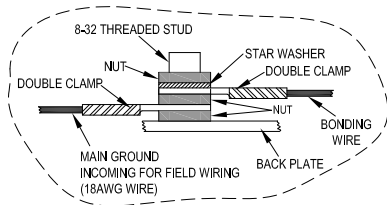
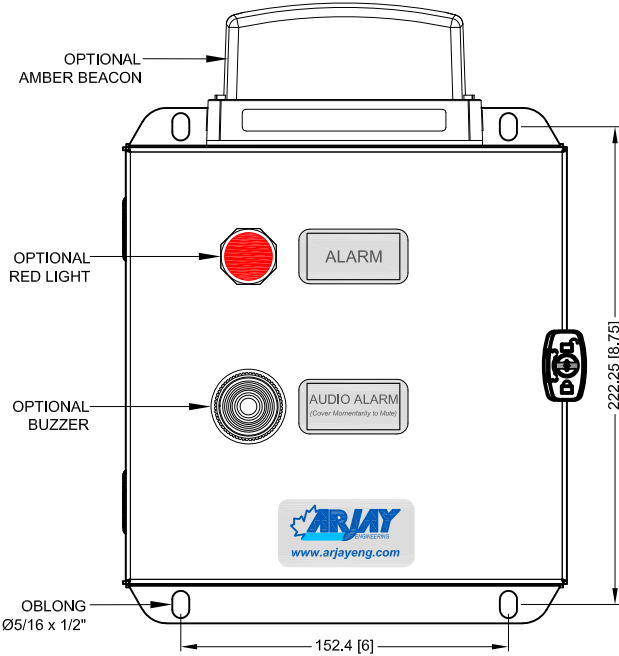
- DIMENSIONS ARE IN mm [inches].
- TOLERANCE +1mm (0.04 inches).
- CONTROLLER ENCLOSURE (STANDARD):**
 - MATERIAL: NEMA 4-12 (IP66) STEEL WITH POLYESTER POWDER BLUE (RAL5015) PAINT.
 - MODEL: EXM 5412 ESCH080804.
 - OUTSIDE DIMENSIONS: 203.2 X 203.2 X 101.6D (8 X 8 X 4D).
 - MOUNTING DIMENSIONS: 222.25 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
DRAWN		F.H.		20/07/20
CHECKED				
APPROVED				
SCALE		REF. DWGS.	DWG. NO.	PART NO.
N.T.S.			20170860	
TITLE				REV.
2852-HCF2 SERIES MAIN CONTROLLER DIMENSION & OVERVIEW DRAWING				1
				0

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



DETAIL A

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

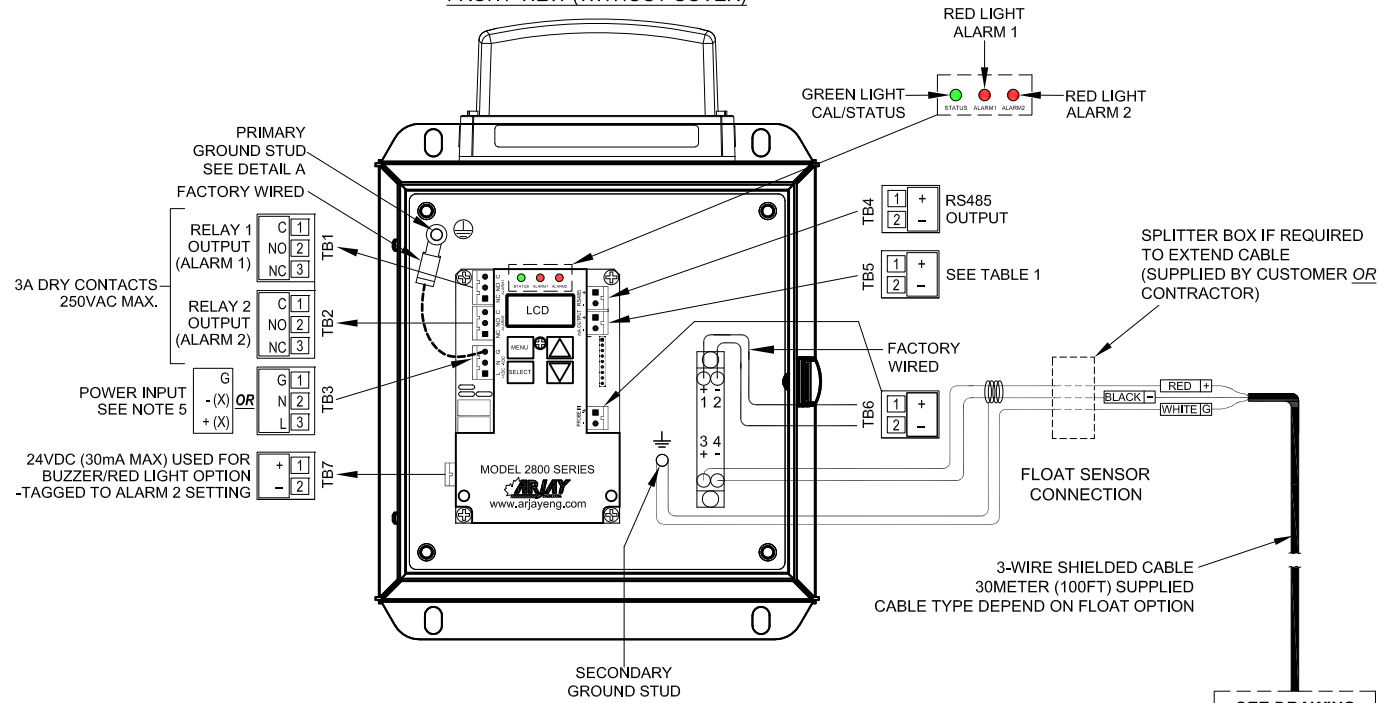


TABLE 1: mA Outputs

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.

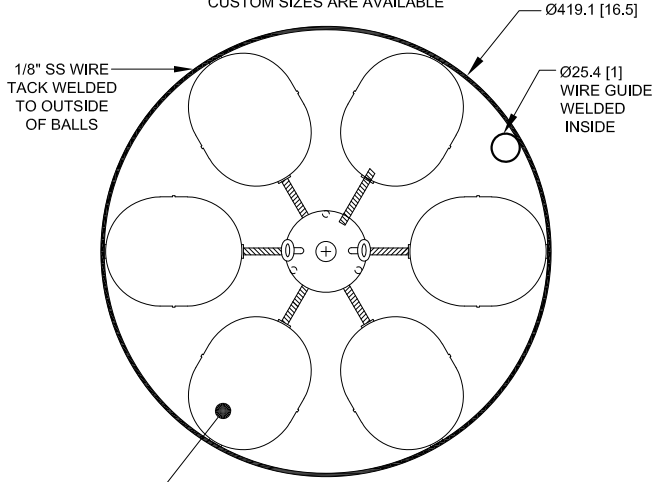
CERTIFICATION:

- 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 DRAWN CHECKED APPROVED		TITLE 2852-HCF2 SERIES MAIN CONTROLLER WITH INTRINSICALLY SAFE BARRIER DIMENSION & OVERVIEW DRAWING		
SCALE N.T.S.		REF. DWGS.		DWG. NO. 20170861
		PART NO.		SHT. 1
				REV. 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)

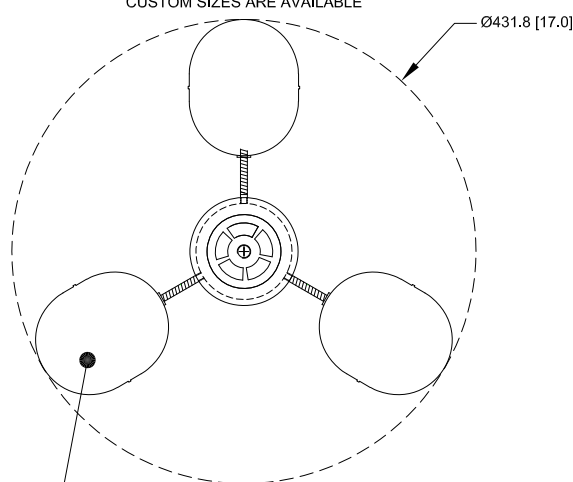
FLOAT SENSOR (P/N: A00765)

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.

**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

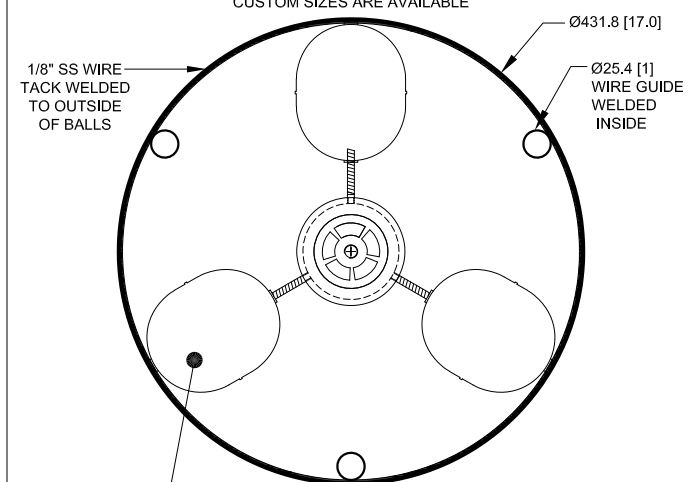
100.7 [3.96"]

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.

REV	DATE	DESCRIPTION	CHKD	APPD
1	15/06/21	ADDED 2 MORE WIRE GUIDES ON S00380 FLOAT		

REVISIONS

		PROJECT	
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.
N.T.S.		20170862	
		SHT.	REV.
		1	1