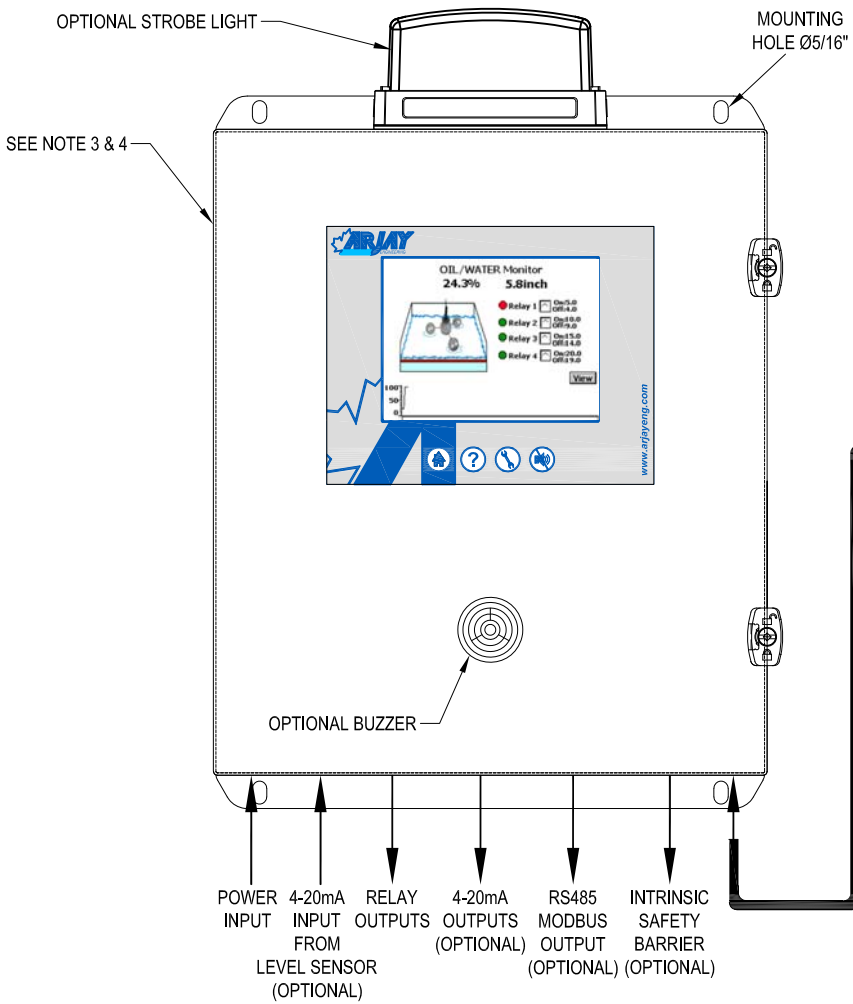
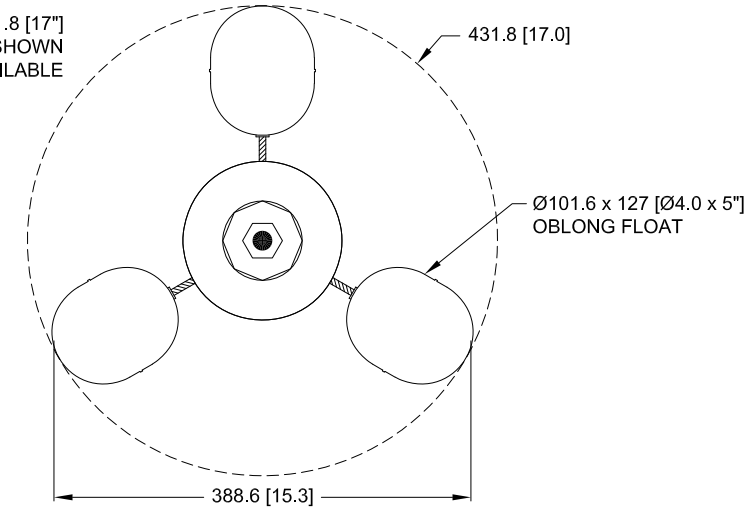
FRONT VIEW (MAIN PANEL)



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

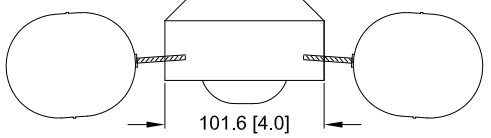


SPILTTER BOX IF REQUIRED
TO EXTEND CABLE
(SUPPLIED BY CUSTOMER *OR*
CONTRACTOR)

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

PMC2800 PULSE CARD &
CABLE POTTED AT SENSOR

FLOAT SENSOR
A00761



FRONT VIEW (NTS)
SEE FLOAT SENSOR NOTE

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

GENERAL NOTES:

1) ALL DIMENSIONS ARE IN mm [inches]
2) ALL DIMENSION TOLERANCE +2mm (.08 INCHES)
3) STANDARD MAIN ENCLOSURE:
   - TYPE 4/IP66 BLUE PAINTED STEEL
   - ENCLOSURE DIMENSION: 355.6 X 304.8 X 152.4D (14 X 12 X 6D)
   - MOUNTING DIMENSION: 374.7 X 254.0 (14.75 x 10)
4) OPTIONAL MAIN ENCLOSURE:
   -TYPE 4X/IP66 BRUSHED 316SS
   -TYPE 4X/IP66 POLYCARBONATE

REV	DATE	DESCRIPTION	CHK'D	APP'D
		REVISIONS		

ARJAY ENGINEERING

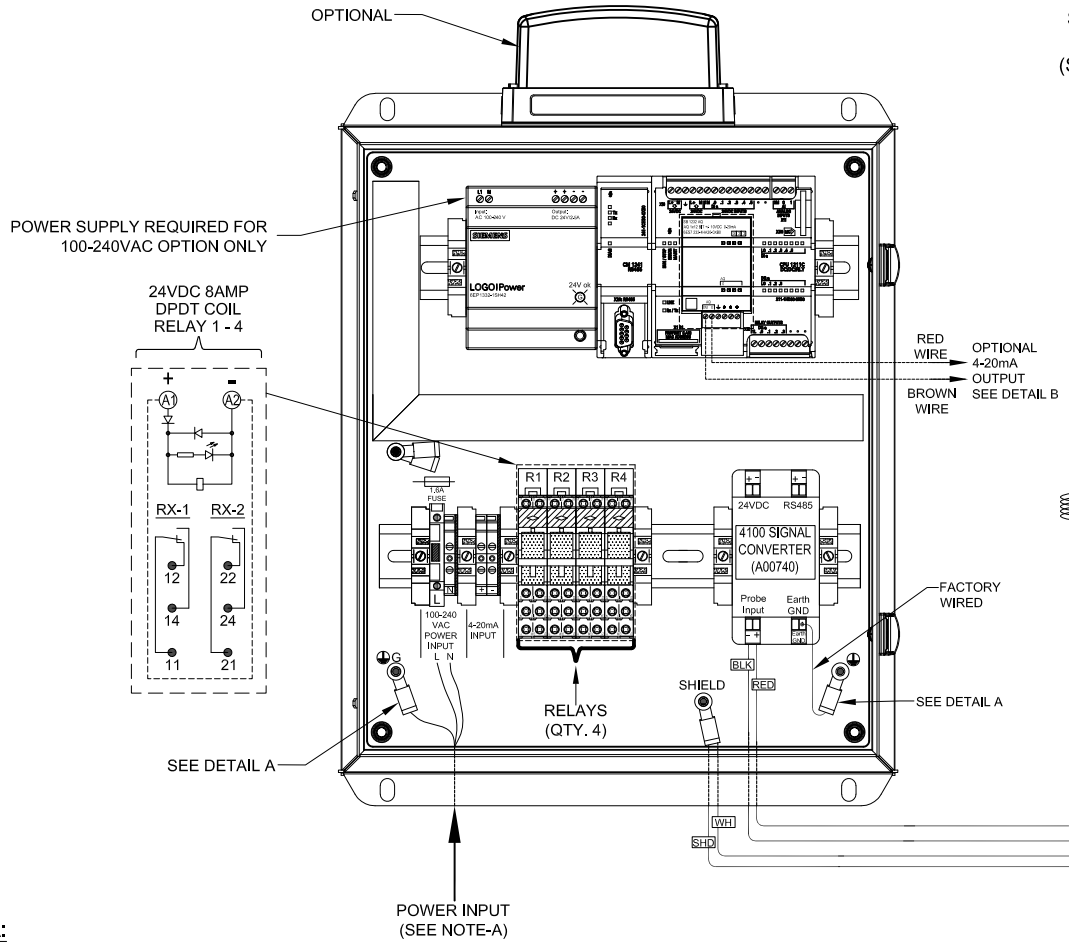
PROJECT

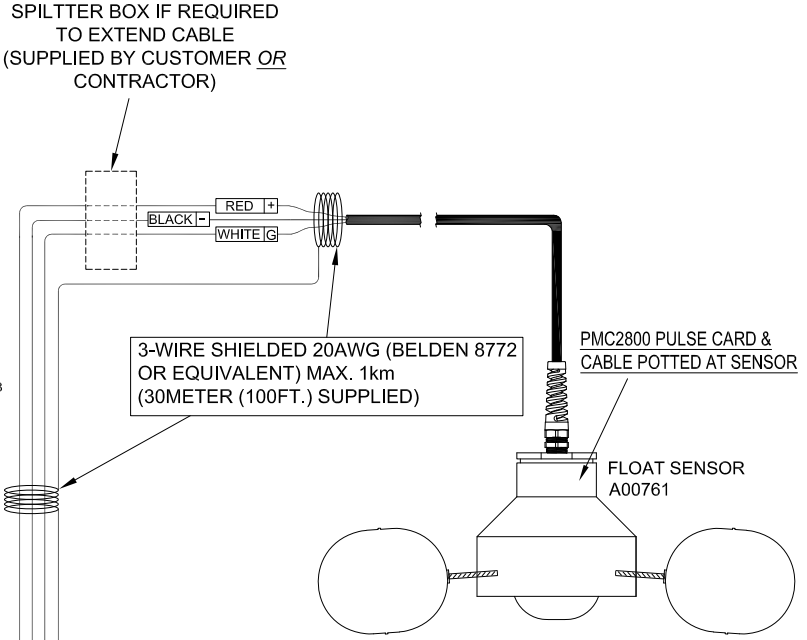
DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	15	01	21
CHECKED				
APPROVED				

TITLE: 4100-HCF2 WITH STANDARD A00761 SENSOR FLOAT (POTTED PMC2800) DIMENSION & OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200750		1	0

FRONT VIEW (MAIN PANEL
WITHOUT COVER)

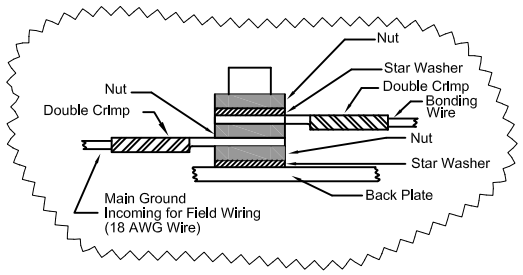




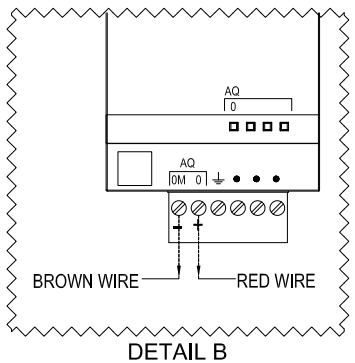
FRONT VIEW (NTS)
FLOAT SENSOR: STYLE A
STANDARD CIRCULAR Ø OF
FLOAT SENSOR = 431.8 [17"]

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

NOTE-A:
INPUT VOLTAGE PER ORDER
24VDC OR 100VAC-240VAC
TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS



DETAIL A



DETAIL B
4-20mA OUTPUT

REV	DATE	DESCRIPTION	CHK'D	APP'D
		REVISIONS		

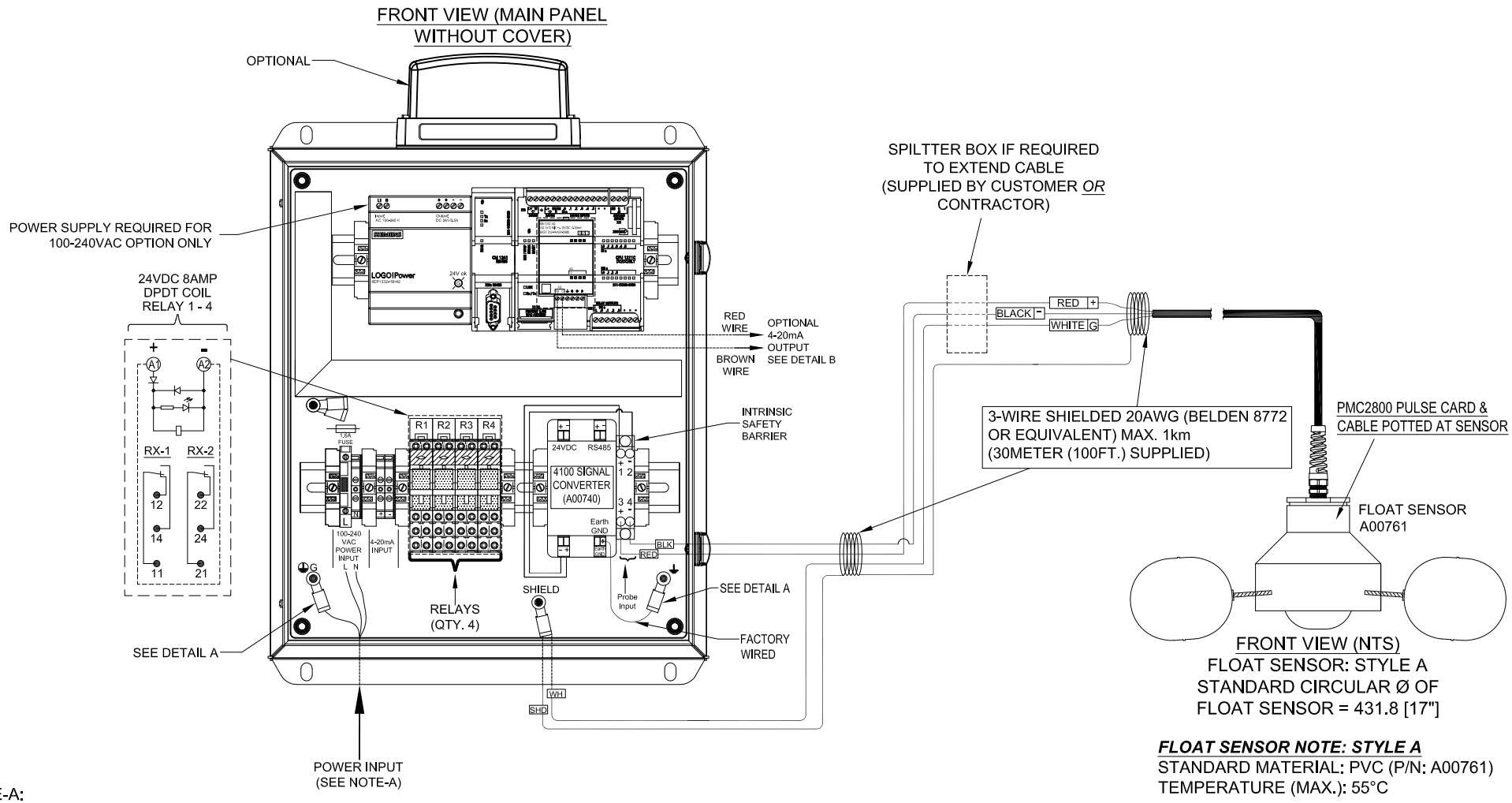
ARJAY ENGINEERING

PROJECT

DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	15	01	21
CHECKED				
APPROVED				

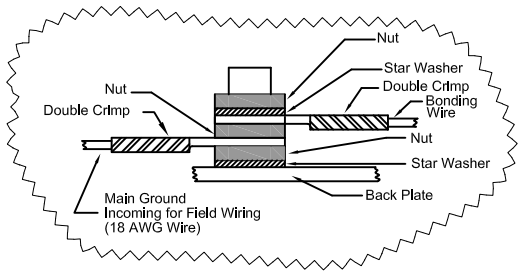
TITLE
4100-HCF2 WITH STANDARD A00761
SENSOR FLOAT (POTTED PMC2800)
ELECTRICAL HOOKUP OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200751		1	0

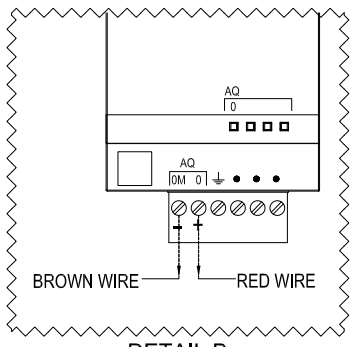


FLOAT SENSOR NOTE: STYLE A
STANDARD MATERIAL: PVC (P/N: A00761)
TEMPERATURE (MAX.): 55°C

NOTE-A:
INPUT VOLTAGE PER ORDER
24VDC OR 100VAC-240VAC
TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS



DETAIL A



DETAIL B
4-20mA OUTPUT

REV	DATE	DESCRIPTION	CHK'D	APP'D
		REVISIONS		

ARJAY ENGINEERING

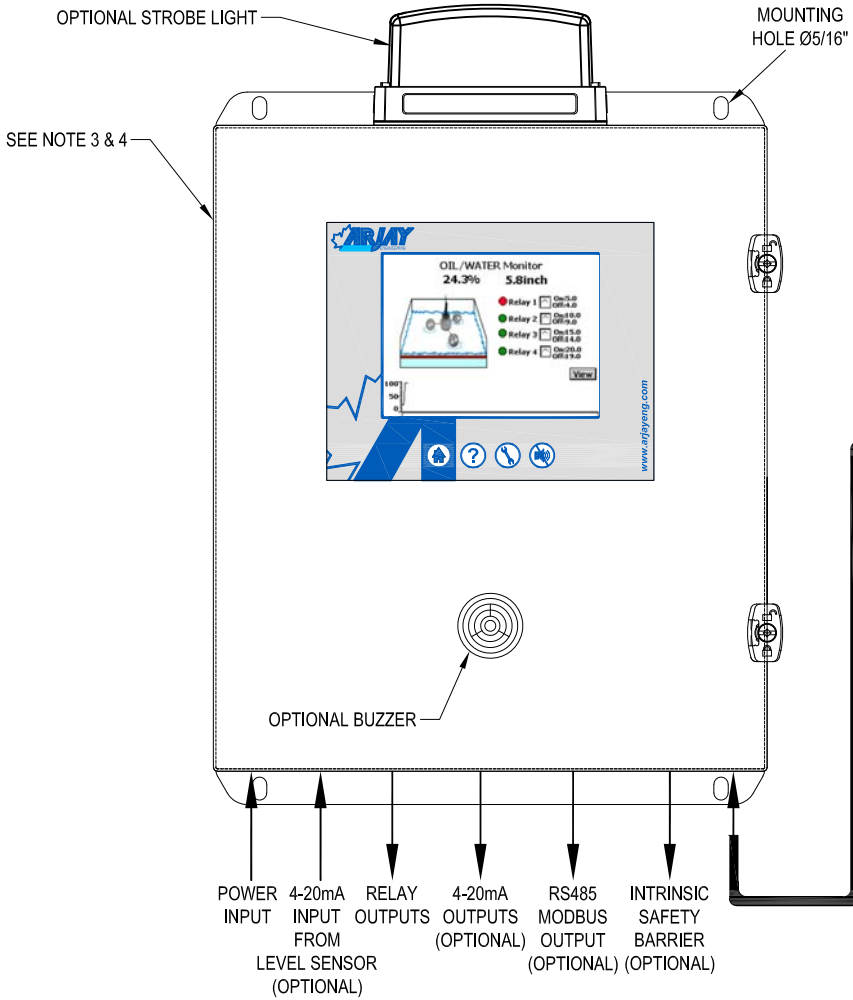
PROJECT

DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	15	01	21
CHECKED				
APPROVED				

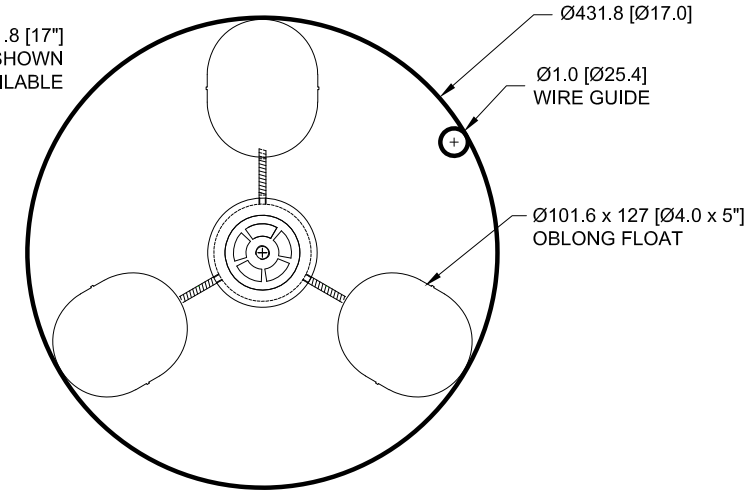
TITLE: 4100-HCF2 WITH STANDARD A00761 SENSOR FLOAT (POTTED PMC2800) & IS BARRIER ELECTRICAL HOOKUP OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200752		1	0

FRONT VIEW (MAIN PANEL)



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

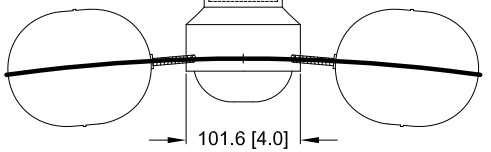


SPILTTER BOX IF REQUIRED
TO EXTEND CABLE
(SUPPLIED BY CUSTOMER *OR*
CONTRACTOR)

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

PMC2800 PULSE CARD &
CABLE POTTED AT SENSOR

FLOAT SENSOR
S00380



FRONT VIEW (NTS)
SEE FLOAT SENSOR NOTE

FLOAT SENSOR NOTE: STYLE A
STANDARD MATERIAL: PVC (P/N: S00380)
TEMPERATURE (MAX.): 55°C

GENERAL NOTES:

1) ALL DIMENSIONS ARE IN mm [inches]
2) ALL DIMENSION TOLERANCE +2mm (.08 INCHES)
3) STANDARD MAIN ENCLOSURE:
   - TYPE 4/IP66 BLUE PAINTED STEEL
   - ENCLOSURE DIMENSION: 355.6 X 304.8 X 152.4D (14 X 12 X 6D)
   - MOUNTING DIMENSION: 374.7 X 254.0 (14.75 x 10)
4) OPTIONAL MAIN ENCLOSURE:
   -TYPE 4X/IP66 BRUSHED 316SS
   -TYPE 4X/IP66 POLYCARBONATE

REV	DATE	DESCRIPTION	CHK'D	APP'D
		REVISIONS		

ARJAY ENGINEERING

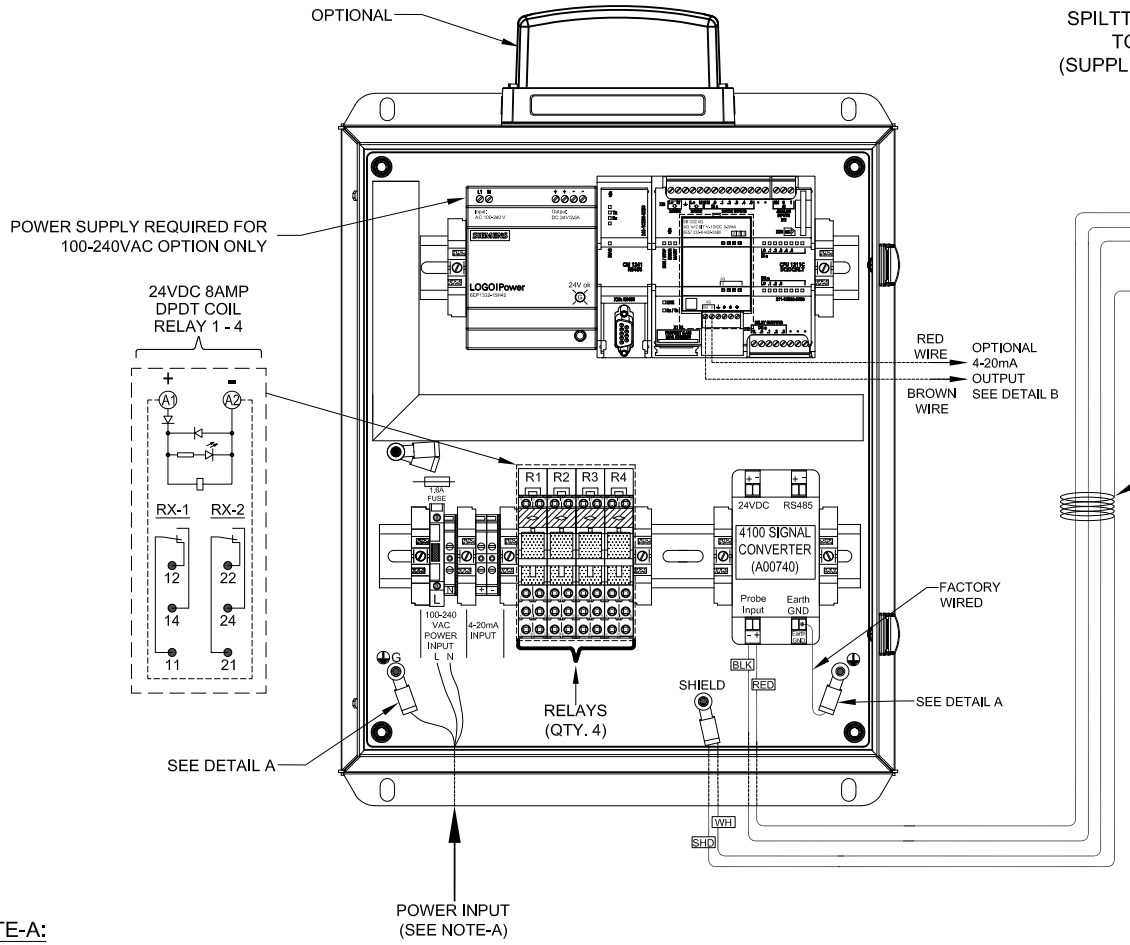
PROJECT

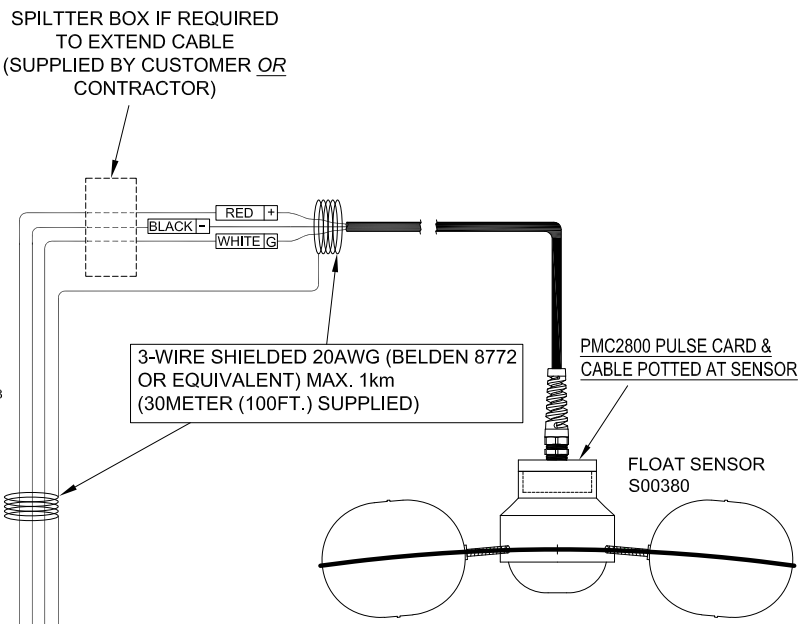
DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	15	01	21
CHECKED				
APPROVED				

TITLE: 4100-HCF2 WITH S00380 SENSOR FLOAT C/W GUIDE RING (POTTED PMC2800) DIMENSION & OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200760		1	0

FRONT VIEW (MAIN PANEL WITHOUT COVER)

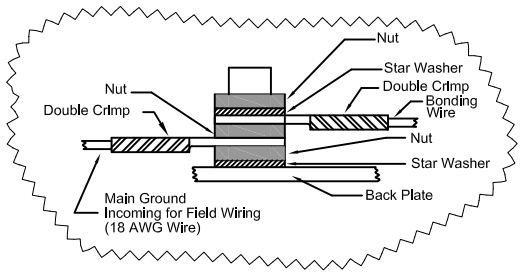




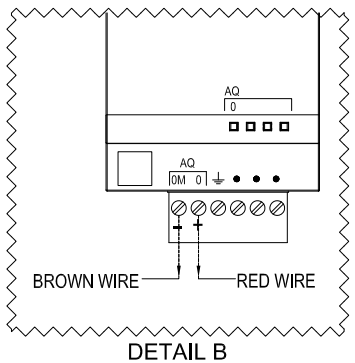
FRONT VIEW (NTS)
FLOAT SENSOR: STYLE A
STANDARD CIRCULAR Ø OF FLOAT SENSOR = 431.8 [17"]

FLOAT SENSOR NOTE: STYLE A
STANDARD MATERIAL: PVC (P/N: S00380)
TEMPERATURE (MAX.): 55°C

NOTE-A:
INPUT VOLTAGE PER ORDER
24VDC OR 100VAC-240VAC
TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS



DETAIL A



DETAIL B
4-20mA OUTPUT

REV	DATE	DESCRIPTION	CHK'D	APP'D
		REVISIONS		

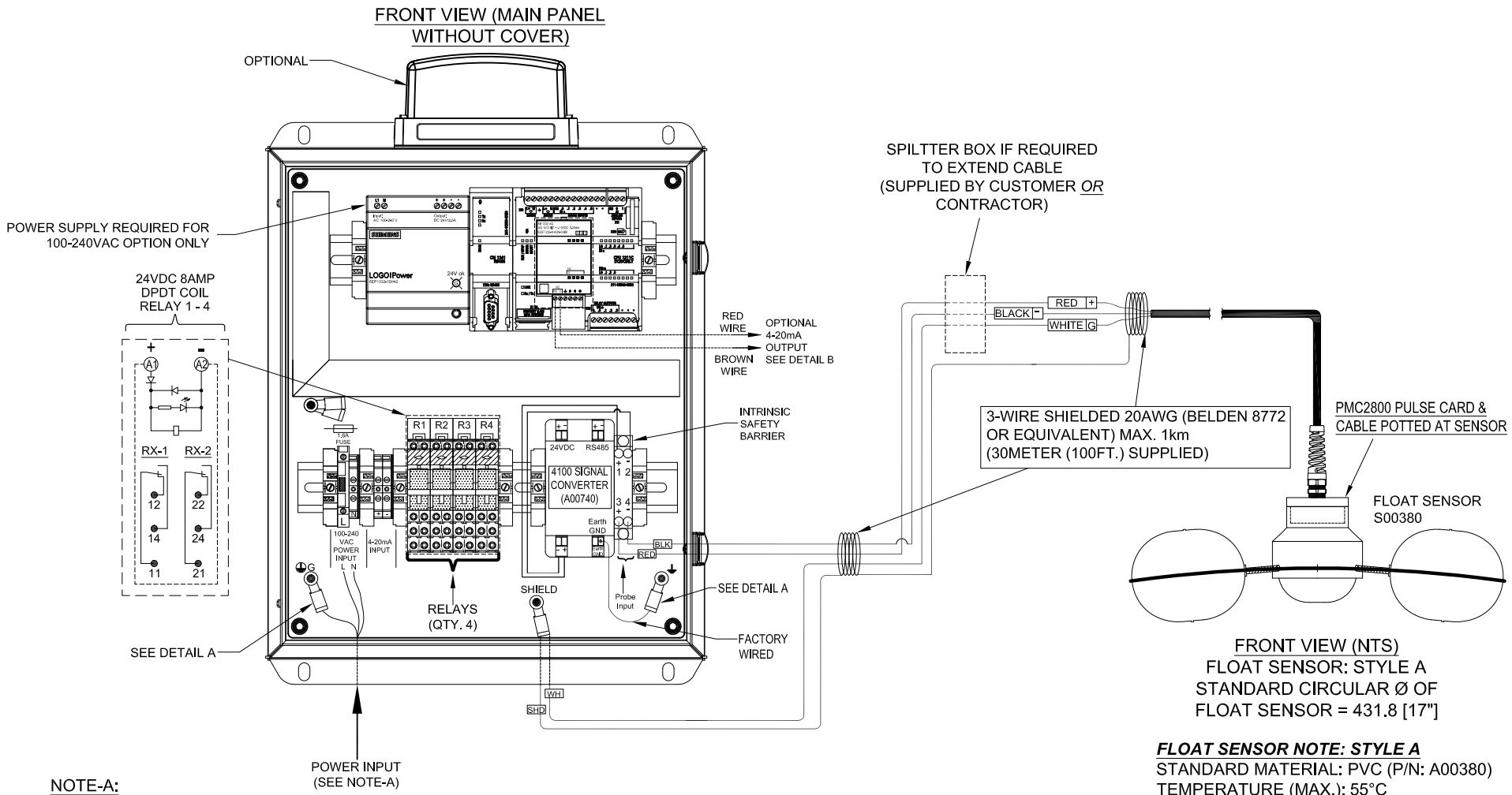
ARJAY ENGINEERING

PROJECT

DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	15	01	21
CHECKED				
APPROVED				

TITLE: 4100-HCF2 WITH S00380 SENSOR FLOAT C/W GUIDE RING (POTTED PMC2800) ELECTRICAL HOOKUP OVERVIEW DRAWING

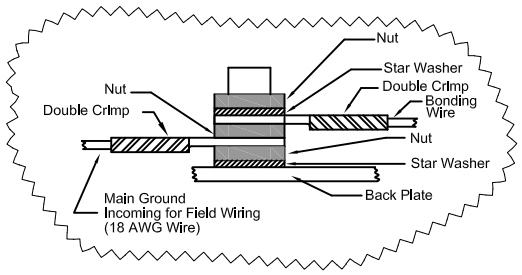
SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200761		1	0



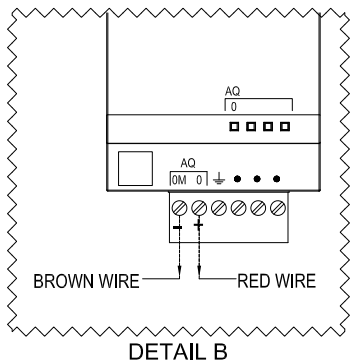
FRONT VIEW (NTS)
FLOAT SENSOR: STYLE A
STANDARD CIRCULAR Ø OF
FLOAT SENSOR = 431.8 [17"]

FLOAT SENSOR NOTE: STYLE A
STANDARD MATERIAL: PVC (P/N: A00380)
TEMPERATURE (MAX.): 55°C

NOTE-A:
INPUT VOLTAGE PER ORDER
24VDC OR 100VAC-240VAC
TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS



DETAIL A



DETAIL B
4-20mA OUTPUT

REV	DATE	DESCRIPTION	CHK'D	APP'D

REVISIONS

ARJAY ENGINEERING

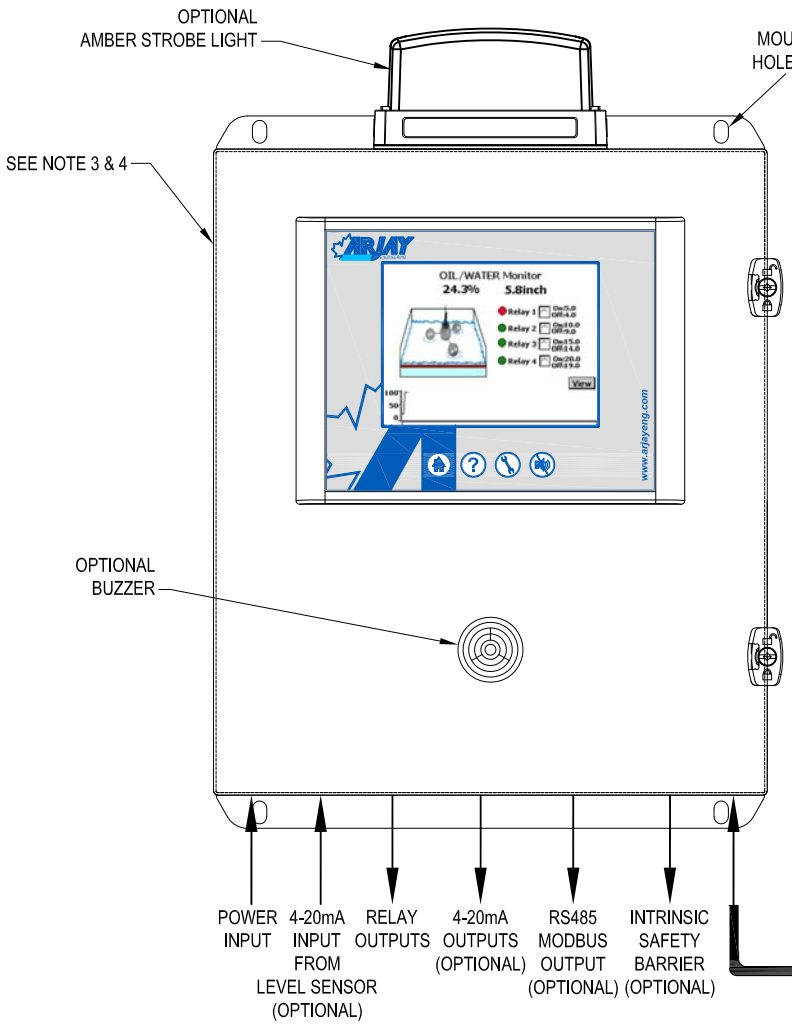
PROJECT

DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	15	01	21
CHECKED				
APPROVED				

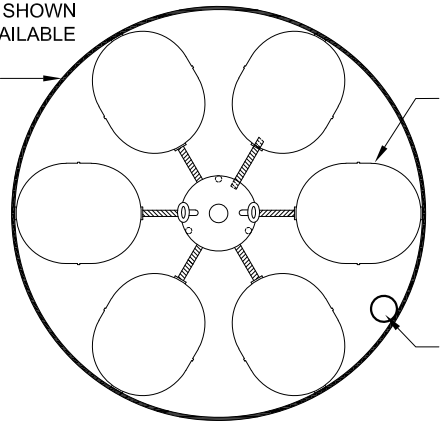
TITLE: 4100-HCF2 WITH S00380 SENSOR FLOAT C/W GUIDE RING (POTTED PMC2800) & IS BARRIER ELECTRICAL HOOKUP OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200762		1	0

FRONT VIEW (MAIN PANEL)



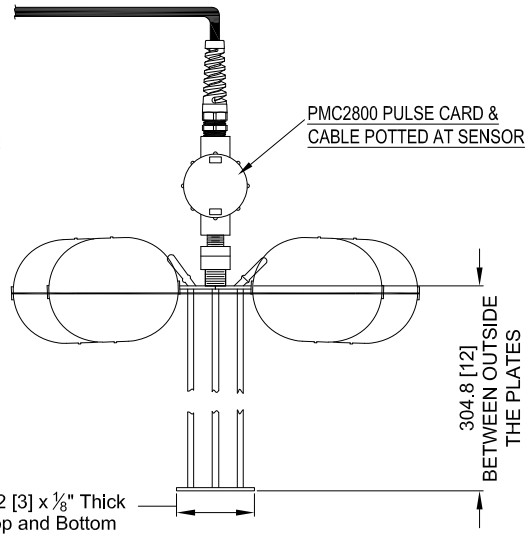
CIRCULAR DIA. OF FLOAT SENSOR = 419.1 [16.5"]
STANDARD SIZE SHOWN
CUSTOM SIZES ARE AVAILABLE



TOP VIEW (NTS)

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

3-WIRE SHIELDED 20AWG (BELDEN 8772 OR EQUIVALENT) MAX. 1km
(50METER (165FT.) SUPPLIED)



FRONT VIEW (NTS)
FLOAT SENSOR: STYLE B (P/N: A00765)

GENERAL NOTES:

1) ALL DIMENSIONS ARE IN mm [inches]
2) ALL DIMENSION TOLERANCE +2mm (.08 INCHES)
3) STANDARD MAIN ENCLOSURE:
   - TYPE 4/IP66 BLUE PAINTED STEEL
   - ENCLOSURE DIMENSION: 355.6 X 304.8 X 152.4D (14 X 12 X 6D)
   - MOUNTING DIMENSION: 374.7 X 254.0 (14.75 x 10)
4) OPTIONAL MAIN ENCLOSURE:
   -TYPE 4X/IP66 BRUSHED 316SS
   -TYPE 4X/IP66 POLYCARBONATE

REV	DATE	DESCRIPTION	CHK'D	APP'D
2	15/01/21	ADDED 4-20mA INPUT OPTION		
1	07/10/20	ADDED 4-20mA OUTPUT OPTION		

REVISIONS

ARJAY ENGINEERING

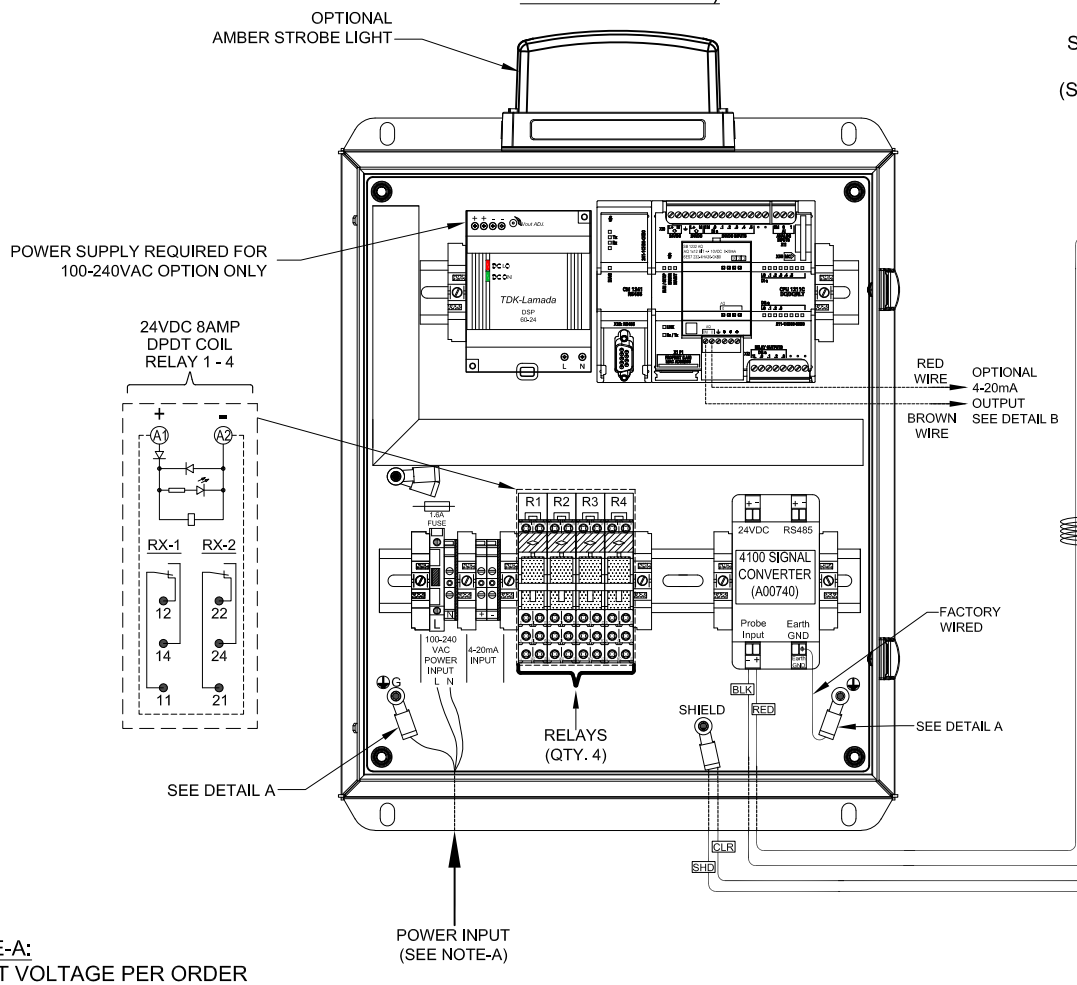
PROJECT

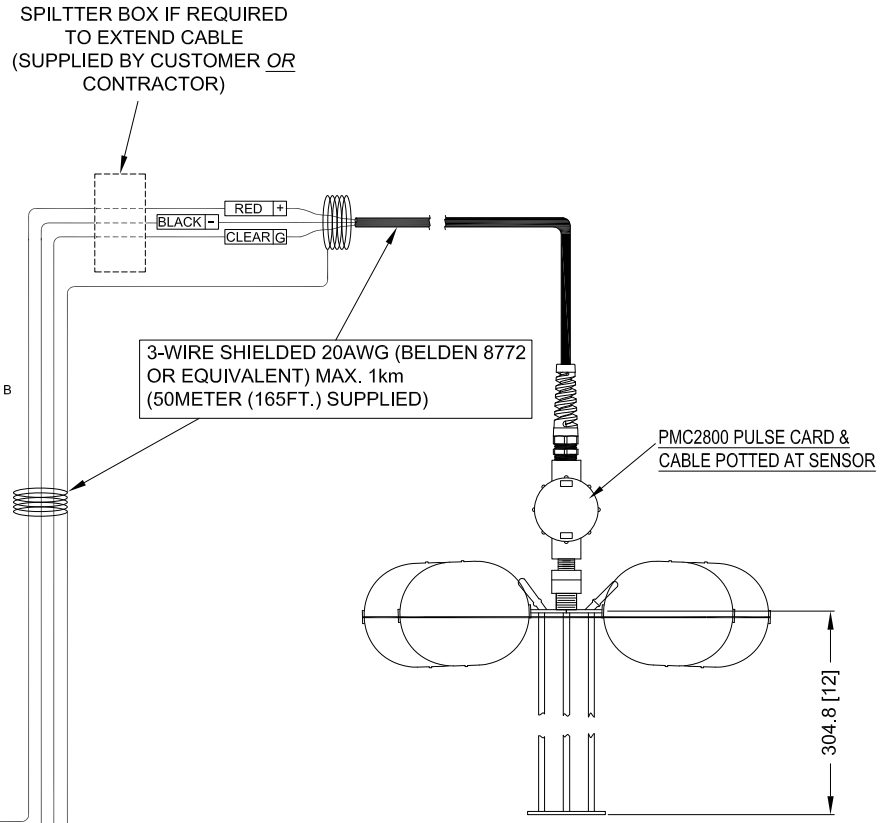
DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	13	04	20
CHECKED				
APPROVED				

TITLE: 4100-HCF2 WITH STANDARD A00765 SENSOR FLOAT (POTTED PMC2800) DIMENSION & OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200720		1	2

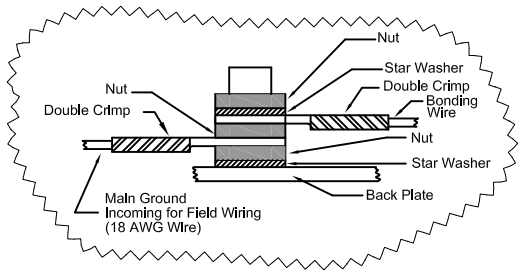
FRONT VIEW (MAIN PANEL WITHOUT COVER)



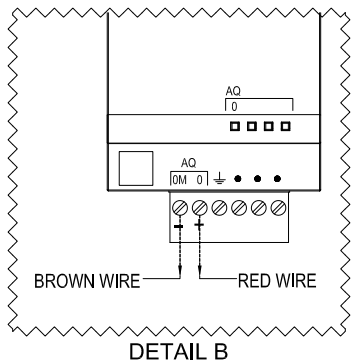


FRONT VIEW (NTS)
FLOAT SENSOR: P/N: A00765
OVERALL CIRCULAR Ø OF
FLOAT SENSOR = 419.1 [16.5"]

NOTE-A:
INPUT VOLTAGE PER ORDER
24VDC OR 100VAC-240VAC
TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS



DETAIL A



DETAIL B
4-20mA OUTPUT

REV	DATE	DESCRIPTION	CHK'D	APP'D
2	15/01/21	ADDED 4-20mA INPUT OPTION		
1	07/10/20	ADDED 4-20mA OUTPUT OPTION		

REVISIONS

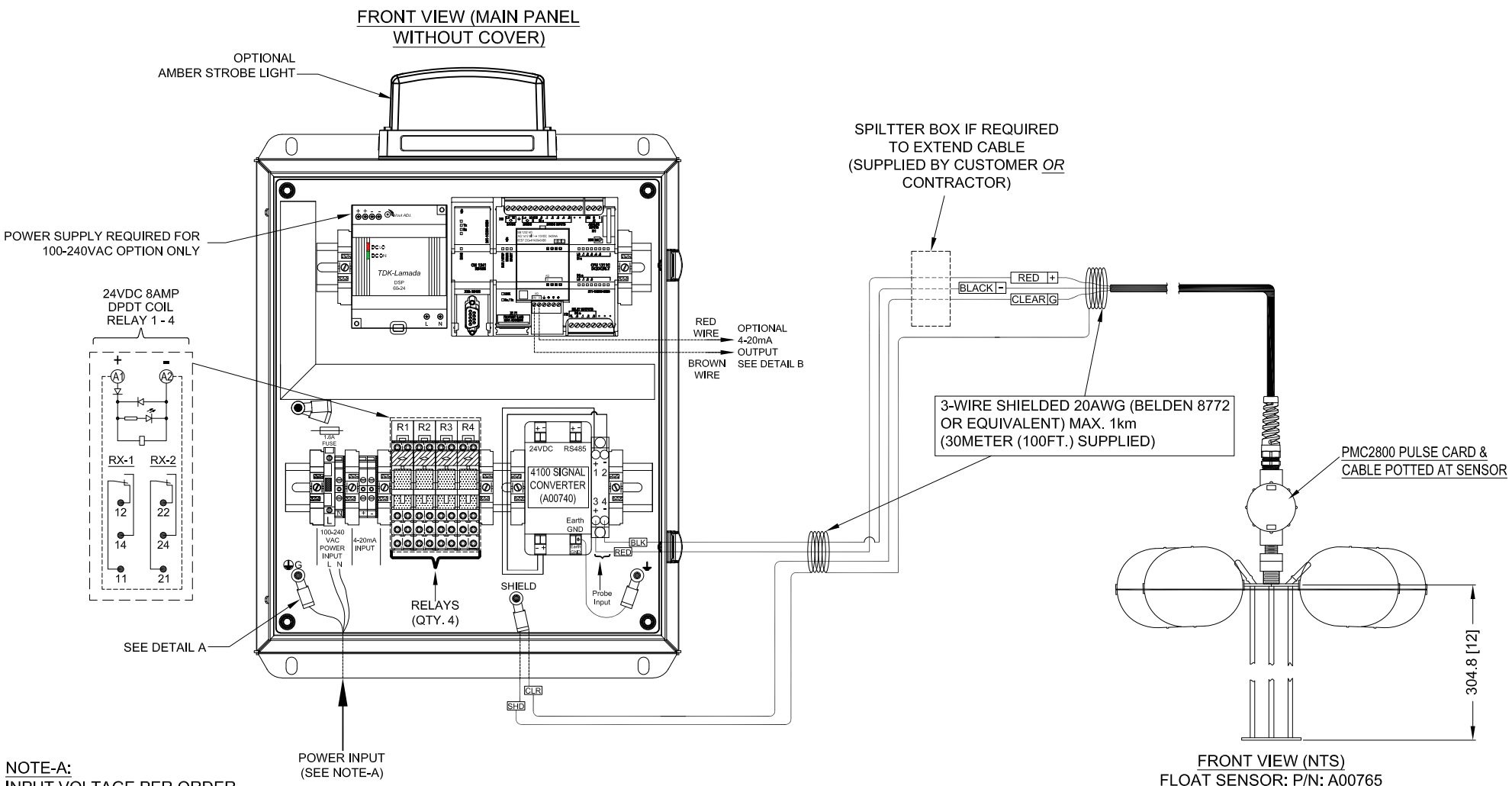
ARJAY ENGINEERING

PROJECT

DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	13	04	20
CHECKED				
APPROVED				

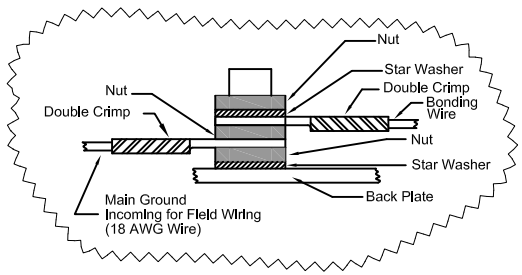
TITLE
4100-HCF2 WITH STANDARD A00765
SENSOR FLOAT (POTTED PMC2800)
ELECTRICAL HOOKUP OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200721		1	2

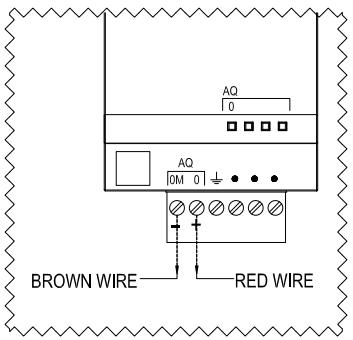


FRONT VIEW (NTS)
FLOAT SENSOR: P/N: A00765
OVERALL CIRCULAR Ø OF
FLOAT SENSOR = 419.1 [16.5"]

NOTE-A:
INPUT VOLTAGE PER ORDER
24VDC OR 100VAC-240VAC
TERMINALS MARKED (-) (+) ARE FOR DC POWERED UNITS



DETAIL A



DETAIL B
4-20mA OUTPUT

REV	DATE	DESCRIPTION	CHK'D	APP'D
2	15/01/21	ADDED 4-20mA INPUT OPTION		
1	07/10/20	ADDED 4-20mA OUTPUT OPTION		

REVISIONS

ARJAY ENGINEERING

PROJECT

DWG. STATUS	BY	DATE D	M	Y
DRAWN	F.H.	13	04	20
CHECKED				
APPROVED				

TITLE: 4100-HCF2 WITH STANDARD A00765 SENSOR FLOAT (POTTED PMC2800) & IS BARRIER ELECTRICAL HOOKUP OVERVIEW DRAWING

SCALE	REF. DWGS.	DWG. NO.	PART NO.	SHT.	REV.
N.T.S.		20200722		1	2