

1	11/07/05	Changed Pulse Card	CHK'D	APP'D
REV	DATE	DESCRIPTION	CHK'D	APP'D

ARJAY ENGINEERING LIMITED

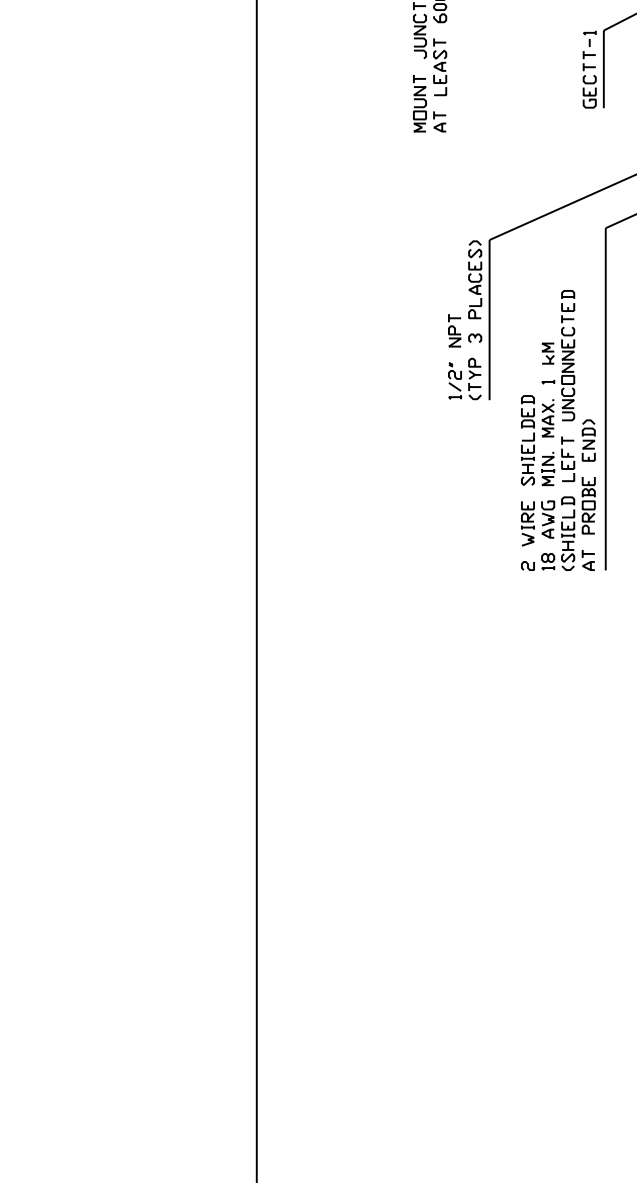
PROJECT: LEAK PAD SENSOR

9830-LPS-IS

DIMENSIONAL & ELECTRICAL

990172

1 1



1/2" NPT (TYP 3 PLACES)

2 WIRE SHIELDED 18 AWG MIN. MAX. 1 KM (SHIELD LEFT UNCONNECTED AT PROBE END)

1/2" IN DIAMETER 0.6" IN THICKNESS

ENCAPSULATED SOLID EPOXY RESIN DISC

MOUNT JUNCTION BOX AT LEAST 600mm ABOVE GRADE

SUPPORT NIPPLES REST ON FLOOR OR BASE

PVC JACKETED CO-AXIAL CABLE MAXIMUM 20 FEET (6 METERS) MAXIMUM 3 SENSORS PER CONTROLLER

ALUMINUM JUNCTION BOX (NEMA 4X)

PMC-2000 PULSE CARD TB5

NOTE: MAKE SURE JUNCTION BOX IS ELECTRICALLY GROUNDED.

FIELD MAX. DISTANCE 1KM CONTROL ROOM

PROBE IN

RELAY LIGHT FAILSAFE OR NON FAILSAFE MODE CAL/STATUS LIGHT CALIBRATE

DIELECTRIC LOW -- HIGH SENSITIVITY ALARM DELAY RELAY (FAILSAFE) LOW -- HIGH

INTRINSIC SAFETY BARRIER

SHIELD AND - GO TOGETHER INTO TERMINAL #4 OF ISB

TYPE 4X FIBERGLASS POLYESTER

MOUNTING HOLE IS A SLOT .3" W X .5" L

WITHOUT COVER

NOTE: VOLTAGE PER ORDER 24VDC, 115VAC, 220VAC

DIMENSIONS ARE IN INCHES
ENCLOSURE IS A HOFFMAN A-864CHORFG
ENCLOSURE DIMENSIONS ARE 8.5 X 7.0 X 4.5D
ENCLOSURE MOUNTING DIMENSIONS ARE 9" X 4"

REVISIONS

DWG STATUS	BY	DATE	TITLE
DRAWN	C.P.	6 9 02	9830-LPS-IS
DESIGNED			
APPROVED			
SCALE	REF. DWGS.	DWG. NO.	REV.
N.T.S.		990172	1 1