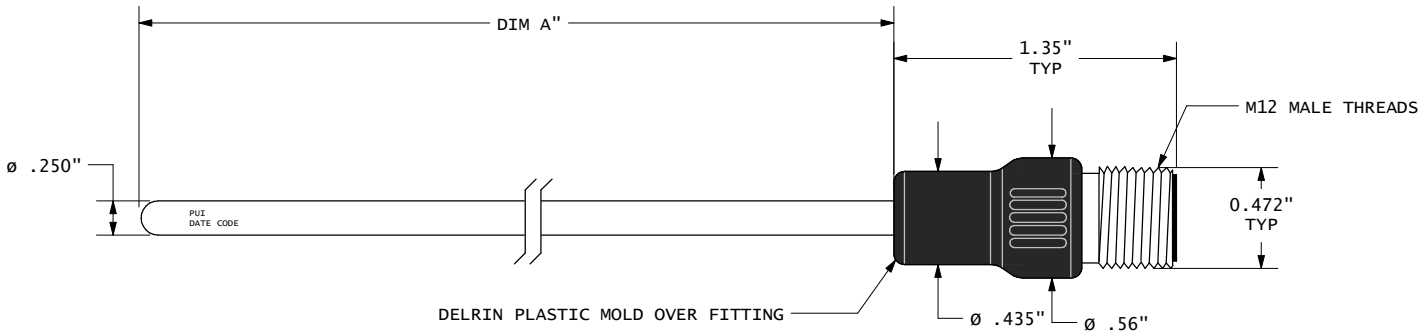
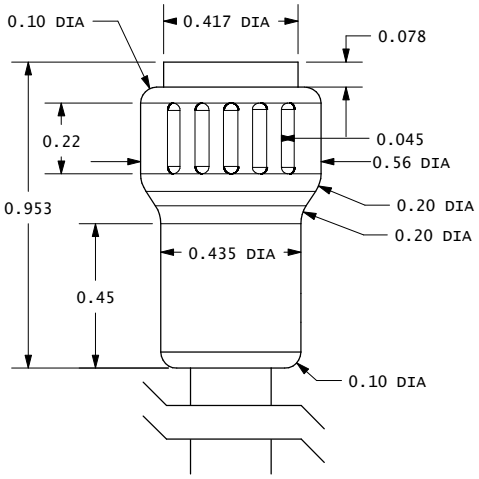
TABLE 1							TABLE 2				
PUI ITEM #	DIM A	DIM B	DIM C	NOTES:	CUSTOMER ITEM#		DWG REV	ECO NUMBER	REV BY	DATE	DESCRIPTION
P1000-21040106	6	N/A	N/A	ALL	TBD		X1	21040101	PSM	04/01/21	INITIAL DRAWING
P1000-21040112	12	N/A	N/A	ALL	TBD		X2	21072901	PSM	07/29/21	REV TO ADD NOTES AND PRODUCT PHOTO



MOLDED SECTION VIEW



PRELIMINARY DRAWING

THIS DRAWING IS NOT FOR PRODUCTION USE OR SUBSTITUTION
FOR ANY PART UNTIL FORMAL APPROVAL AND RELEASE.

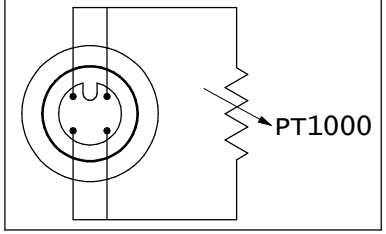
TABLE 3 (1000 OHM, .00385 ALPHA)					
°C	OHMS	°C	OHMS	°C	OHMS
0	1000.0	36	1139.9	72	1278.4
1	1003.9	37	1143.8	73	1282.2
2	1007.8	38	1147.7	74	1286.0
3	1011.7	39	1151.5	75	1289.8
4	1015.6	40	1155.4	76	1293.7
5	1019.5	41	1159.3	77	1297.5
6	1023.4	42	1163.1	78	1301.3
7	1027.3	43	1167.0	79	1305.1
8	1031.2	44	1170.8	80	1308.9
9	1035.1	45	1174.7	81	1312.7
10	1039.0	46	1178.5	82	1316.6
11	1042.9	47	1182.4	83	1320.4
12	1046.8	48	1186.2	84	1324.2
13	1050.7	49	1190.1	85	1328.0
14	1054.6	50	1194.0	86	1331.8
15	1058.5	51	1197.8	87	1335.6
16	1062.4	52	1201.6	88	1339.4
17	1066.3	53	1205.5	89	1343.2
18	1070.2	54	1209.3	90	1347.0
19	1074.0	55	1213.2	91	1350.8
20	1077.9	56	1217.0	92	1354.6
21	1081.8	57	1220.9	93	1358.4
22	1085.7	58	1224.7	94	1362.2
23	1089.6	59	1228.6	95	1366.0
24	1093.5	60	1232.4	96	1369.8
25	1097.3	61	1236.2	97	1373.6
26	1101.2	62	1240.1	98	1377.4
27	1105.1	63	1243.9	99	1381.2
28	1109.0	64	1247.7	100	1385.0
29	1112.8	65	1251.6	101	1388.8
30	1116.7	66	1255.4	102	1392.6
31	1120.6	67	1259.2	103	1396.4
32	1124.5	68	1263.1	104	1400.2
33	1128.3	69	1266.9	105	1403.9
34	1132.2	70	1270.7	106	1407.7
35	1136.1	71	1274.5	107	1411.5

NOTES:
1) SENSOR: PT1000 THIN FILM RTD SENSOR, .00385 ALPHA, CLASS 'B' [±.12%]
TYPICAL ACCURACY AT -95°C IS ±0.8°C, PER DIN 43760 IEC 751
SEE TABLE 3 FOR A PARTIAL RESISTANCE VS. TEMPERATURE CHART
2) SHEATH: SS304/316, PLASMA WELDED CLOSED ONE END, COMMERCIAL GRADE FINISH
3) CONSTRUCTION: SHEATH CONTAINS MOISTURE RESISTANT POTTING COMPOUND,
DELRIN PLASTIC MOLDED OVER THE SHEATH AND FITTING
4) LEADS: (4) 22 AWG, SILVER PLATED COPPER, 7/30 STRANDS, TEFLON INSULATED
5) TERMINATION: M12 MALE 4 POSITIN CONNECTOR
6) OPERATING TEMPERATURE: -40°C TO +200°C EXCEPT CONNECTOR -40°C TO +85°C
7) APPLICATION: IMMERSION PROBE
8) IP67 RATED

CERTIFICATE OF COMPLIANCE

The components used to manufacture this Probes Unlimited product are Weee and RoHs compliant

WIRING DIAGRAM



DWG NOT TO SCALE

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QUOTE #: Q21040101 SAMPLE DATE: TBD
CUSTOMER: TBD
APPROVED:

DRAWING #: P1000-302

REV: X2

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ALL DIMENSIONS ARE IN INCHES,
STANDARD TOLERANCES
UNLESS STATED OTHERWISE:

X.XX" = ± .12"
X.XXX" = ± .062"
ANGLES = ± 3°